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## **Appendix D**

### **Runoff, Water Storage Layer Infiltration, Bio-intrusion, and Lateral Drainage Calculation**

## **D.1 ADJUSTED PRECIPITATION, RUNOFF, AND LATERAL DRAINAGE CALCULATION**

### **D.1.1 Purpose**

Determine the percolation through the clay barrier layer using percolation through the silt loam surface material and infiltration resulting from bio-intrusion as the driving head and accounting for lateral drainage provided by the drainage layer

### **D.1.2 Methodology**

Percolation through the silt loam was determined using SoilCover™. Two weather scenarios were modeled. The base case scenario used 10 years that represented average conditions for the site the years modeled were 1967-1976. The extreme scenario included four years with precipitation above the 90th percentile modeled consecutively. The years modeled for the extreme scenario were 1957, 1962, 1963 and 1995.

Precipitation for the fourteen-year period modeled was adjusted to account for runoff using the U.S. Soil Conservation Service (SCS) method. The SCS curve number (CN) was adjusted to account for the slope of the cover using the method developed US EPA for the HELP model. The runoff determined by this method was used to reduce the precipitation into the SoilCover™ models.

Infiltration resulting from burrowing animals was determined using assumptions agreed to by the regulatory agencies. These include one burrowing animal in the cover. The burrow consisted of one 20 cm diameter hole in the surface of the cover that drains an area ten times the area of the hole. The animal was assumed to have burrowed to the top of the bio-intrusion barrier with all precipitation from the drained area percolating to the clay barrier layer.

Water removed from the system by the drainage layer above the clay barrier was determined using the Dupuit flow equation. Assumptions associated with the Dupuit equation are given below.

- The hydraulic gradient is equal to the slope of the cover
- The lateral drainage layer is saturated over the depth of the flow
- The hydraulic head is constant for any given day

### **D1.3 Calculations**

Runoff was calculated using the SCS Curve Number Method given by the equation (D-1):

$$Q = \frac{(P - 0.2S)^2}{P + 0.8S} \quad (D-1)$$

Where

$Q$  = runoff (in)

$P$  = precipitation (in)

$S$  = potential maximum retention

$$= (1000/CN) - 10$$

$CN$  = curve number

The  $CN$  is determined from tables provided by the SCS. The curve number used was 79 as determined for a pasture or range with no mechanical treatment, in poor condition (less than 50% ground cover) with hydrologic group B soils. This curve number was adjusted to account for the slope of the cover using the equation (D-2) developed for use in the HELP model.

$$CN_a = 100 - (100 - CN) \left( \frac{L^*}{S^*} \right)^{CN^{-0.81}} \quad (D-2)$$

Where

$L^*$  = standardized dimensionless length, ( $L/500$ , ft)

$S^*$  = standardized dimensionless slope, ( $S/0.04$ , ft/ft)

For the Curve Number Method, the runoff begins after an initial amount of precipitation has fallen. This amount of precipitation is called the initial abstraction,  $I_A$ , and is given by,  $I_A = 0.2 S$

The infiltration through the upper soil layers was determined using SoilCover<sup>TM</sup>. The precipitation entered into SoilCover<sup>TM</sup> was adjusted to account for the runoff by subtracting the calculated runoff from the recorded precipitation. To prevent double counting runoff, storm events were adjusted to prevent SoilCover<sup>TM</sup> from calculating runoff.

For the calculation of lateral drainage, the infiltration calculated by SoilCover<sup>TM</sup> was added to the infiltration resulting from bio-intrusion. By agreement with the regulatory agency, the calculation was conducted assuming fully and a partially penetrating burrow in the cover with a diameter of the hole being 20 cm draining an area ten times that diameter. The calculation was conducted using the following equation (D-3).

$$A_D = \frac{\pi(D_H \times 10)}{4} \quad (D-3)$$

Where,  $D_H$  = diameter of the burrow opening

The volume of precipitation infiltrating to the clay barrier is determined by multiplying the area drained by the precipitation as given by the equation:  $V_I = P \times A_D$ , where  $P$  is the daily precipitation. As seen in the equation (D-4), the volume of precipitation due to a partially penetrating burrow is:

$$V_{I(partial)} = V_I \times \text{Borrow Depth}/\text{Cover Thickness} \quad (D-4)$$

The infiltration per unit area of the cover was determined from:  $I_{avg} = (V_I + V_{I(partial)}) / A$ , where  $A$  is the area of the cover.

Hydraulic head supporting lateral drainage was the sum of the infiltration from the SoilCover™ model and from bio-intrusion. Lateral drainage through the drainage layer was calculated using the Dupuit equation (D-5).

$$q' = -\frac{1}{2} K \left( \frac{h_2^2 - h_1^2}{L} \right) \quad (\text{D-5})$$

Where

$q'$  = water drained from the system

K = saturated hydraulic conductivity of the drainage layer

$h_1$  = hydraulic head at the crest of the crest of the cover

$$= L * \tan \alpha$$

$\alpha$  = slope of the cover

L = horizontal length of the cover

$h_2$  = hydraulic head at the drain

The slope of the cover used in the calculation was based on the minimum slope determined in "Landfill Compaction/Subsidence Study" (EDF-ER-266). The result of this equation represents drainage per unit length of the perimeter of the cover. The drainage was averaged over the area of the cover by multiplying the  $q'$  from the Dupuit equation by the perimeter and dividing the product by the area of the cover.

Results of these calculations for the base case and extreme scenarios are given in Tables D.2 and D.3 respectively. The variable used in the calculations are given in Table D.1

Table D-1. Variables used in calculation of runoff, bio-intrusion and lateral drainage.

Variable	Value	Source
<b>Properties of Cover</b>		
Length	264 m	[Drawing C-304 dated 4/16/01]
Width	236 m	[Drawing C-304 dated 4/16/01]
Slope Length	122 m	[Drawing C-304 dated 4/16/01]
Slope Angle	3 %	EDF-ER-266 – Subsurface Consolidation Calculation
<b>Properties for Runoff Analysis</b>		
CN=	79	SCS CN tables
Adjusted CN =	79.10	Calculated
Max Retention (S)	67 mm	Calculated
Initial Abstraction ( $I_A$ )	13.5 mm	Calculated
<b>Properties for Bio-Intrusion Analysis</b>		
Hole Diameter	20 cm	Regulatory Agreement
Area Drained	3.14 m <sup>2</sup>	Regulatory Agreement/Calculated

Average Borrow Depth (for partially penetrating borrows)	1.5 m	Average borrow depth of pocket gophers, mice, townsend ground squirrel and the great basin pocket mouse
Area of Cover	62,400 m <sup>2</sup>	Calculated
<b>Properties for Lateral Drainage Analysis</b>		
K <sub>sand</sub>	1.00E-02 cm/s	

Table D-2. Results of base case scenario.

Day	Precipitation (mm/day)	Runoff		SoilCover Infiltration <sup>a</sup> (mm/day)	Bio-Intrusion		Lateral Drainage		
		Runoff (mm/day)	Adjusted Precipitation (mm/day)		Volume Infiltrating (mm <sup>3</sup> /day)	Average Infiltration (mm/day)	Head on Clay (mm/day)	Drainage <sup>b</sup> , q' (mm <sup>2</sup> /day)	Average Drainage <sup>c</sup> (mm/day)
10/1/66	0.000	0.000	0.000	-0.002	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
10/2/66	5.842	0.000	5.842	-0.002	0.00E+00	0.00E+00	2.00E-03	4.74E+05	3.80E+00
10/3/66	0.000	0.000	0.000	-0.002	0.00E+00	0.00E+00	2.00E-03	4.74E+05	3.80E+00
10/4/66	0.000	0.000	0.000	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
10/5/66	0.000	0.000	0.000	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
10/6/66	0.000	0.000	0.000	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
10/7/66	0.000	0.000	0.000	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
10/8/66	0.000	0.000	0.000	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
10/9/66	0.000	0.000	0.000	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
10/10/66	0.000	0.000	0.000	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
10/11/66	0.000	0.000	0.000	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
10/12/66	0.000	0.000	0.000	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
10/13/66	0.000	0.000	0.000	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
10/14/66	0.000	0.000	0.000	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
10/15/66	0.000	0.000	0.000	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
10/16/66	0.000	0.000	0.000	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
10/17/66	0.000	0.000	0.000	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
10/18/66	0.000	0.000	0.000	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
10/19/66	0.000	0.000	0.000	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
10/20/66	0.000	0.000	0.000	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
10/21/66	0.000	0.000	0.000	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
10/22/66	0.000	0.000	0.000	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
10/23/66	0.000	0.000	0.000	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
10/24/66	0.000	0.000	0.000	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
10/25/66	0.000	0.000	0.000	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
10/26/66	0.000	0.000	0.000	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
10/27/66	0.000	0.000	0.000	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
10/28/66	0.000	0.000	0.000	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
10/29/66	0.000	0.000	0.000	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
10/30/66	0.000	0.000	0.000	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
10/31/66	0.000	0.000	0.000	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
11/1/66	0.000	0.000	0.000	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
11/2/66	0.000	0.000	0.000	0.000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
11/3/66	0.000	0.000	0.000	0.000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Table D-2. (continued).

Day	Precipitation (mm/day)	Runoff		SoilCover Infiltration <sup>a</sup> (mm/day)	Bio-Intrusion		Lateral Drainage		
		Runoff (mm/day)	Adjusted Precipitation (mm/day)		Volume Infiltrating (mm <sup>3</sup> /day)	Average Infiltration (mm/day)	Head on Clay (mm/day)	Drainage <sup>b</sup> , q' (mm <sup>2</sup> /day)	Average Drainage <sup>c</sup> (mm/day)
11/4/66	0.000	0.000	0.000	0.000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
11/5/66	0.000	0.000	0.000	0.000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
11/6/66	0.000	0.000	0.000	0.000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
11/7/66	0.000	0.000	0.000	0.000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
11/8/66	1.016	0.000	1.016	0.000	4.94E+06	7.92E-05	7.92E-05	4.74E+05	3.80E+00
11/9/66	0.000	0.000	0.000	0.000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
11/10/66	0.000	0.000	0.000	0.000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
11/11/66	0.000	0.000	0.000	0.000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
11/12/66	0.000	0.000	0.000	0.000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
11/13/66	0.000	0.000	0.000	0.000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
11/14/66	0.000	0.000	0.000	0.000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
11/15/66	0.508	0.000	0.508	0.000	2.47E+06	3.96E-05	3.96E-05	4.74E+05	3.80E+00
11/16/66	1.270	0.000	1.270	0.000	6.17E+06	9.90E-05	9.90E-05	4.74E+05	3.80E+00
11/17/66	0.000	0.000	0.000	0.000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
11/18/66	0.000	0.000	0.000	0.000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
11/19/66	0.000	0.000	0.000	0.000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
11/20/66	0.000	0.000	0.000	0.000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
11/21/66	3.302	0.000	3.302	0.000	1.61E+07	2.57E-04	2.57E-04	4.74E+05	3.80E+00
11/22/66	0.508	0.000	0.508	0.000	2.47E+06	3.96E-05	3.96E-05	4.74E+05	3.80E+00
11/23/66	0.000	0.000	0.000	0.000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
11/24/66	0.000	0.000	0.000	0.000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
11/25/66	0.000	0.000	0.000	0.000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
11/26/66	0.000	0.000	0.000	0.000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
11/27/66	0.000	0.000	0.000	0.000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
11/28/66	0.000	0.000	0.000	0.000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
11/29/66	0.000	0.000	0.000	0.000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
11/30/66	0.000	0.000	0.000	0.000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
12/1/66	0.000	0.000	0.000	0.000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
12/2/66	0.000	0.000	0.000	0.000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
12/3/66	0.000	0.000	0.000	0.000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
12/4/66	0.000	0.000	0.000	0.000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
12/5/66	0.000	0.000	0.000	0.000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
12/6/66	0.000	0.000	0.000	0.000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
12/7/66	0.000	0.000	0.000	0.000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
12/8/66	0.000	0.000	0.000	0.000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
12/9/66	0.000	0.000	0.000	0.000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
12/10/66	0.000	0.000	0.000	0.000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
12/11/66	0.000	0.000	0.000	0.000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
12/12/66	0.000	0.000	0.000	0.000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
12/13/66	0.000	0.000	0.000	0.000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
12/14/66	0.000	0.000	0.000	0.000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
12/15/66	0.000	0.000	0.000	0.000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Table D-2. (continued).

Table D-2. (continued).

Day	Precipitation (mm/day)	Runoff		SoilCover Infiltration <sup>a</sup> (mm/day)	Bio-Intrusion		Lateral Drainage		
		Runoff (mm/day)	Adjusted Precipitation (mm/day)		Volume Infiltrating (mm <sup>3</sup> /day)	Average Infiltration (mm/day)	Head on Clay (mm/day)	Drainage <sup>b</sup> , q' (mm <sup>2</sup> /day)	Average Drainage <sup>c</sup> (mm/day)
1/27/67	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1/28/67	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1/29/67	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1/30/67	2.471	0.000	2.471	0.001	1.20E+07	1.93E-04	1.93E-04	4.74E+05	3.80E+00
1/31/67	6.535	0.000	6.535	0.001	3.18E+07	5.10E-04	5.10E-04	4.74E+05	3.80E+00
2/1/67	2.471	0.000	2.471	0.001	1.20E+07	1.93E-04	1.93E-04	4.74E+05	3.80E+00
2/2/67	2.471	0.000	2.471	0.001	1.20E+07	1.93E-04	1.93E-04	4.74E+05	3.80E+00
2/3/67	2.471	0.000	2.471	0.001	1.20E+07	1.93E-04	1.93E-04	4.74E+05	3.80E+00
2/4/67	2.471	0.000	2.471	0.001	1.20E+07	1.93E-04	1.93E-04	4.74E+05	3.80E+00
2/5/67	2.471	0.000	2.471	0.001	1.20E+07	1.93E-04	1.93E-04	4.74E+05	3.80E+00
2/6/67	2.471	0.000	2.471	0.001	1.20E+07	1.93E-04	1.93E-04	4.74E+05	3.80E+00
2/7/67	2.471	0.000	2.471	0.001	1.20E+07	1.93E-04	1.93E-04	4.74E+05	3.80E+00
2/8/67	2.471	0.000	2.471	0.001	1.20E+07	1.93E-04	1.93E-04	4.74E+05	3.80E+00
2/9/67	2.471	0.000	2.471	0.001	1.20E+07	1.93E-04	1.93E-04	4.74E+05	3.80E+00
2/10/67	2.471	0.000	2.471	0.001	1.20E+07	1.93E-04	1.93E-04	4.74E+05	3.80E+00
2/11/67	2.471	0.000	2.471	0.001	1.20E+07	1.93E-04	1.93E-04	4.74E+05	3.80E+00
2/12/67	2.471	0.000	2.471	0.001	1.20E+07	1.93E-04	1.93E-04	4.74E+05	3.80E+00
2/13/67	2.471	0.000	2.471	0.001	1.20E+07	1.93E-04	1.93E-04	4.74E+05	3.80E+00
2/14/67	2.471	0.000	2.471	0.001	1.20E+07	1.93E-04	1.93E-04	4.74E+05	3.80E+00
2/15/67	2.725	0.000	2.725	0.001	1.32E+07	2.12E-04	2.12E-04	4.74E+05	3.80E+00
2/16/67	2.471	0.000	2.471	0.001	1.20E+07	1.93E-04	1.93E-04	4.74E+05	3.80E+00
2/17/67	2.471	0.000	2.471	0.001	1.20E+07	1.93E-04	1.93E-04	4.74E+05	3.80E+00
2/18/67	2.471	0.000	2.471	0.001	1.20E+07	1.93E-04	1.93E-04	4.74E+05	3.80E+00
2/19/67	2.471	0.000	2.471	0.001	1.20E+07	1.93E-04	1.93E-04	4.74E+05	3.80E+00
2/20/67	2.471	0.000	2.471	0.001	1.20E+07	1.93E-04	1.93E-04	4.74E+05	3.80E+00
2/21/67	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2/22/67	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2/23/67	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2/24/67	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2/25/67	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2/26/67	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2/27/67	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2/28/67	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3/1/67	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3/2/67	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3/3/67	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3/4/67	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3/5/67	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3/6/67	1.016	0.000	1.016	0.001	4.94E+06	7.92E-05	7.92E-05	4.74E+05	3.80E+00
3/7/67	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3/8/67	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3/9/67	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Table D-2. (continued).

Day	Precipitation (mm/day)	Runoff		SoilCover Infiltration <sup>a</sup> (mm/day)	Bio-Intrusion		Lateral Drainage		
		Runoff (mm/day)	Adjusted Precipitation (mm/day)		Volume Infiltrating (mm <sup>3</sup> /day)	Average Infiltration (mm/day)	Head on Clay (mm/day)	Drainage <sup>b</sup> , q' (mm <sup>2</sup> /day)	Average Drainage <sup>c</sup> (mm/day)
3/10/67	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3/11/67	0.254	0.000	0.254	0.001	1.23E+06	1.98E-05	1.98E-05	4.74E+05	3.80E+00
3/12/67	8.382	0.000	8.382	0.001	4.07E+07	6.54E-04	6.54E-04	4.74E+05	3.80E+00
3/13/67	1.270	0.000	1.270	0.001	6.17E+06	9.90E-05	9.90E-05	4.74E+05	3.80E+00
3/14/67	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3/15/67	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3/16/67	0.762	0.000	0.762	0.001	3.70E+06	5.94E-05	5.94E-05	4.74E+05	3.80E+00
3/17/67	1.016	0.000	1.016	0.001	4.94E+06	7.92E-05	7.92E-05	4.74E+05	3.80E+00
3/18/67	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3/19/67	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3/20/67	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3/21/67	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3/22/67	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3/23/67	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3/24/67	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3/25/67	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3/26/67	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3/27/67	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3/28/67	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3/29/67	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3/30/67	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3/31/67	1.016	0.000	1.016	0.000	4.94E+06	7.92E-05	7.92E-05	4.74E+05	3.80E+00
4/1/67	1.778	0.000	1.778	0.000	8.64E+06	1.39E-04	1.39E-04	4.74E+05	3.80E+00
4/2/67	0.000	0.000	0.000	0.000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4/3/67	0.000	0.000	0.000	0.000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4/4/67	0.000	0.000	0.000	0.000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4/5/67	2.794	0.000	2.794	0.000	1.36E+07	2.18E-04	2.18E-04	4.74E+05	3.80E+00
4/6/67	0.000	0.000	0.000	0.000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4/7/67	0.000	0.000	0.000	0.000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4/8/67	0.000	0.000	0.000	0.000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4/9/67	0.000	0.000	0.000	0.000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4/10/67	0.000	0.000	0.000	0.000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4/11/67	1.016	0.000	1.016	0.000	4.94E+06	7.92E-05	7.92E-05	4.74E+05	3.80E+00
4/12/67	0.000	0.000	0.000	0.000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4/13/67	0.000	0.000	0.000	0.000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4/14/67	0.000	0.000	0.000	0.000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4/15/67	1.016	0.000	1.016	0.000	4.94E+06	7.92E-05	7.92E-05	4.74E+05	3.80E+00
4/16/67	0.000	0.000	0.000	0.000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4/17/67	0.000	0.000	0.000	0.000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4/18/67	0.000	0.000	0.000	0.000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4/19/67	0.000	0.000	0.000	0.000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4/20/67	0.000	0.000	0.000	0.000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Table D-2. (continued).

Day	Precipitation (mm/day)	Runoff		SoilCover Infiltration <sup>a</sup> (mm/day)	Bio-Intrusion		Lateral Drainage		
		Runoff (mm/day)	Adjusted Precipitation (mm/day)		Volume Infiltrating (mm <sup>3</sup> /day)	Average Infiltration (mm/day)	Head on Clay (mm/day)	Drainage <sup>b</sup> , q <sup>c</sup> (mm <sup>2</sup> /day)	Average Drainage <sup>c</sup> (mm/day)
4/21/67	0.000	0.000	0.000	0.000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4/22/67	0.000	0.000	0.000	0.000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4/23/67	0.000	0.000	0.000	0.000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4/24/67	0.000	0.000	0.000	0.000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4/25/67	0.000	0.000	0.000	0.000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4/26/67	0.000	0.000	0.000	0.000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4/27/67	3.302	0.000	3.302	0.000	1.61E+07	2.57E-04	2.57E-04	4.74E+05	3.80E+00
4/28/67	6.858	0.000	6.858	0.000	3.33E+07	5.35E-04	5.35E-04	4.74E+05	3.80E+00
4/29/67	5.080	0.000	5.080	0.000	2.47E+07	3.96E-04	3.96E-04	4.74E+05	3.80E+00
4/30/67	0.000	0.000	0.000	0.000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5/1/67	0.000	0.000	0.000	0.000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5/2/67	0.000	0.000	0.000	0.000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5/3/67	0.508	0.000	0.508	0.000	2.47E+06	3.96E-05	3.96E-05	4.74E+05	3.80E+00
5/4/67	0.000	0.000	0.000	0.000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5/5/67	0.000	0.000	0.000	0.000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5/6/67	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5/7/67	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5/8/67	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5/9/67	4.826	0.000	4.826	0.001	2.35E+07	3.76E-04	3.76E-04	4.74E+05	3.80E+00
5/10/67	3.556	0.000	3.556	0.001	1.73E+07	2.77E-04	2.77E-04	4.74E+05	3.80E+00
5/11/67	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5/12/67	0.000	0.000	0.000	0.000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5/13/67	0.000	0.000	0.000	0.000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5/14/67	0.000	0.000	0.000	0.000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5/15/67	0.000	0.000	0.000	0.000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5/16/67	0.000	0.000	0.000	0.000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5/17/67	0.000	0.000	0.000	0.000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5/18/67	0.000	0.000	0.000	0.000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5/19/67	0.000	0.000	0.000	0.000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5/20/67	0.000	0.000	0.000	0.000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5/21/67	0.000	0.000	0.000	0.000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5/22/67	0.000	0.000	0.000	0.000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5/23/67	0.000	0.000	0.000	0.000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5/24/67	0.000	0.000	0.000	0.000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5/25/67	0.000	0.000	0.000	0.000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5/26/67	0.000	0.000	0.000	0.000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5/27/67	0.000	0.000	0.000	0.000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5/28/67	7.874	0.000	7.874	0.000	3.83E+07	6.14E-04	6.14E-04	4.74E+05	3.80E+00
5/29/67	0.762	0.000	0.762	0.000	3.70E+06	5.94E-05	5.94E-05	4.74E+05	3.80E+00
5/30/67	0.000	0.000	0.000	0.000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5/31/67	0.000	0.000	0.000	0.000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6/1/67	0.508	0.000	0.508	0.000	2.47E+06	3.96E-05	3.96E-05	4.74E+05	3.80E+00

Table D-2. (continued).

Day	Precipitation (mm/day)	Runoff		SoilCover Infiltration <sup>a</sup> (mm/day)	Bio-Intrusion		Lateral Drainage		
		Runoff (mm/day)	Adjusted Precipitation (mm/day)		Volume Infiltrating (mm <sup>3</sup> /day)	Average Infiltration (mm/day)	Head on Clay (mm/day)	Drainage <sup>b</sup> , q' (mm <sup>2</sup> /day)	Average Drainage <sup>c</sup> (mm/day)
6/2/67	0.762	0.000	0.762	0.000	3.70E+06	5.94E-05	5.94E-05	4.74E+05	3.80E+00
6/3/67	0.000	0.000	0.000	0.000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6/4/67	0.000	0.000	0.000	0.000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6/5/67	4.064	0.000	4.064	0.000	1.98E+07	3.17E-04	3.17E-04	4.74E+05	3.80E+00
6/6/67	1.270	0.000	1.270	0.000	6.17E+06	9.90E-05	9.90E-05	4.74E+05	3.80E+00
6/7/67	1.524	0.000	1.524	0.000	7.41E+06	1.19E-04	1.19E-04	4.74E+05	3.80E+00
6/8/67	3.810	0.000	3.810	0.000	1.85E+07	2.97E-04	2.97E-04	4.74E+05	3.80E+00
6/9/67	0.000	0.000	0.000	0.000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6/10/67	4.826	0.000	4.826	0.000	2.35E+07	3.76E-04	3.76E-04	4.74E+05	3.80E+00
6/11/67	3.556	0.000	3.556	0.000	1.73E+07	2.77E-04	2.77E-04	4.74E+05	3.80E+00
6/12/67	1.524	0.000	1.524	0.000	7.41E+06	1.19E-04	1.19E-04	4.74E+05	3.80E+00
6/13/67	21.336	0.834	20.502	0.000	1.04E+08	1.66E-03	1.66E-03	4.74E+05	3.80E+00
6/14/67	4.318	0.000	4.318	0.000	2.10E+07	3.37E-04	3.37E-04	4.74E+05	3.80E+00
6/15/67	0.000	0.000	0.000	0.000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6/16/67	0.000	0.000	0.000	0.000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6/17/67	3.048	0.000	3.048	0.000	1.48E+07	2.38E-04	2.38E-04	4.74E+05	3.80E+00
6/18/67	0.000	0.000	0.000	0.000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6/19/67	0.000	0.000	0.000	0.000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6/20/67	3.302	0.000	3.302	0.000	1.61E+07	2.57E-04	2.57E-04	4.74E+05	3.80E+00
6/21/67	6.350	0.000	6.350	0.000	3.09E+07	4.95E-04	4.95E-04	4.74E+05	3.80E+00
6/22/67	0.762	0.000	0.762	0.000	3.70E+06	5.94E-05	5.94E-05	4.74E+05	3.80E+00
6/23/67	0.254	0.000	0.254	0.000	1.23E+06	1.98E-05	1.98E-05	4.74E+05	3.80E+00
6/24/67	0.000	0.000	0.000	0.000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6/25/67	0.000	0.000	0.000	0.000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6/26/67	0.000	0.000	0.000	0.000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6/27/67	4.318	0.000	4.318	0.000	2.10E+07	3.37E-04	3.37E-04	4.74E+05	3.80E+00
6/28/67	0.000	0.000	0.000	0.000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6/29/67	0.000	0.000	0.000	0.000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6/30/67	0.000	0.000	0.000	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
7/1/67	0.000	0.000	0.000	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
7/2/67	0.000	0.000	0.000	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
7/3/67	4.572	0.000	4.572	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
7/4/67	1.524	0.000	1.524	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
7/5/67	0.000	0.000	0.000	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
7/6/67	0.000	0.000	0.000	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
7/7/67	0.000	0.000	0.000	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
7/8/67	0.000	0.000	0.000	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
7/9/67	0.000	0.000	0.000	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
7/10/67	0.000	0.000	0.000	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
7/11/67	0.000	0.000	0.000	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
7/12/67	0.000	0.000	0.000	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
7/13/67	0.000	0.000	0.000	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00

Table D-2. (continued).

Day	Precipitation (mm/day)	Runoff		SoilCover Infiltration <sup>a</sup> (mm/day)	Bio-Intrusion		Lateral Drainage		
		Runoff (mm/day)	Adjusted Precipitation (mm/day)		Volume Infiltrating (mm <sup>3</sup> /day)	Average Infiltration (mm/day)	Head on Clay (mm/day)	Drainage <sup>b</sup> , q' (mm <sup>2</sup> /day)	Average Drainage <sup>c</sup> (mm/day)
7/14/67	0.000	0.000	0.000	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
7/15/67	0.000	0.000	0.000	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
7/16/67	0.000	0.000	0.000	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
7/17/67	3.302	0.000	3.302	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
7/18/67	0.000	0.000	0.000	-0.002	0.00E+00	0.00E+00	2.00E-03	4.74E+05	3.80E+00
7/19/67	0.000	0.000	0.000	-0.002	0.00E+00	0.00E+00	2.00E-03	4.74E+05	3.80E+00
7/20/67	0.000	0.000	0.000	-0.002	0.00E+00	0.00E+00	2.00E-03	4.74E+05	3.80E+00
7/21/67	0.000	0.000	0.000	-0.002	0.00E+00	0.00E+00	2.00E-03	4.74E+05	3.80E+00
7/22/67	0.000	0.000	0.000	-0.002	0.00E+00	0.00E+00	2.00E-03	4.74E+05	3.80E+00
7/23/67	0.000	0.000	0.000	-0.002	0.00E+00	0.00E+00	2.00E-03	4.74E+05	3.80E+00
7/24/67	0.000	0.000	0.000	-0.002	0.00E+00	0.00E+00	2.00E-03	4.74E+05	3.80E+00
7/25/67	0.000	0.000	0.000	-0.002	0.00E+00	0.00E+00	2.00E-03	4.74E+05	3.80E+00
7/26/67	0.000	0.000	0.000	-0.002	0.00E+00	0.00E+00	2.00E-03	4.74E+05	3.80E+00
7/27/67	0.000	0.000	0.000	-0.002	0.00E+00	0.00E+00	2.00E-03	4.74E+05	3.80E+00
7/28/67	0.000	0.000	0.000	-0.002	0.00E+00	0.00E+00	2.00E-03	4.74E+05	3.80E+00
7/29/67	0.000	0.000	0.000	-0.002	0.00E+00	0.00E+00	2.00E-03	4.74E+05	3.80E+00
7/30/67	4.826	0.000	4.826	-0.002	0.00E+00	0.00E+00	2.00E-03	4.74E+05	3.80E+00
7/31/67	0.000	0.000	0.000	-0.002	0.00E+00	0.00E+00	2.00E-03	4.74E+05	3.80E+00
8/1/67	0.000	0.000	0.000	-0.002	0.00E+00	0.00E+00	2.00E-03	4.74E+05	3.80E+00
8/2/67	0.000	0.000	0.000	-0.002	0.00E+00	0.00E+00	2.00E-03	4.74E+05	3.80E+00
8/3/67	0.254	0.000	0.254	-0.002	0.00E+00	0.00E+00	2.00E-03	4.74E+05	3.80E+00
8/4/67	3.048	0.000	3.048	-0.002	0.00E+00	0.00E+00	2.00E-03	4.74E+05	3.80E+00
8/5/67	0.000	0.000	0.000	-0.002	0.00E+00	0.00E+00	2.00E-03	4.74E+05	3.80E+00
8/6/67	0.000	0.000	0.000	-0.002	0.00E+00	0.00E+00	2.00E-03	4.74E+05	3.80E+00
8/7/67	0.000	0.000	0.000	-0.002	0.00E+00	0.00E+00	2.00E-03	4.74E+05	3.80E+00
8/8/67	0.000	0.000	0.000	-0.002	0.00E+00	0.00E+00	2.00E-03	4.74E+05	3.80E+00
8/9/67	0.000	0.000	0.000	-0.002	0.00E+00	0.00E+00	2.00E-03	4.74E+05	3.80E+00
8/10/67	0.000	0.000	0.000	-0.002	0.00E+00	0.00E+00	2.00E-03	4.74E+05	3.80E+00
8/11/67	0.000	0.000	0.000	-0.002	0.00E+00	0.00E+00	2.00E-03	4.74E+05	3.80E+00
8/12/67	0.254	0.000	0.254	-0.002	0.00E+00	0.00E+00	2.00E-03	4.74E+05	3.80E+00
8/13/67	1.016	0.000	1.016	-0.002	0.00E+00	0.00E+00	2.00E-03	4.74E+05	3.80E+00
8/14/67	0.000	0.000	0.000	-0.002	0.00E+00	0.00E+00	2.00E-03	4.74E+05	3.80E+00
8/15/67	0.000	0.000	0.000	-0.002	0.00E+00	0.00E+00	2.00E-03	4.74E+05	3.80E+00
8/16/67	0.000	0.000	0.000	-0.002	0.00E+00	0.00E+00	2.00E-03	4.74E+05	3.80E+00
8/17/67	0.000	0.000	0.000	-0.002	0.00E+00	0.00E+00	2.00E-03	4.74E+05	3.80E+00
8/18/67	0.000	0.000	0.000	-0.002	0.00E+00	0.00E+00	2.00E-03	4.74E+05	3.80E+00
8/19/67	0.000	0.000	0.000	-0.002	0.00E+00	0.00E+00	2.00E-03	4.74E+05	3.80E+00
8/20/67	0.000	0.000	0.000	-0.002	0.00E+00	0.00E+00	2.00E-03	4.74E+05	3.80E+00
8/21/67	0.000	0.000	0.000	-0.002	0.00E+00	0.00E+00	2.00E-03	4.74E+05	3.80E+00
8/22/67	0.000	0.000	0.000	-0.002	0.00E+00	0.00E+00	2.00E-03	4.74E+05	3.80E+00
8/23/67	0.000	0.000	0.000	-0.002	0.00E+00	0.00E+00	2.00E-03	4.74E+05	3.80E+00
8/24/67	0.000	0.000	0.000	-0.002	0.00E+00	0.00E+00	2.00E-03	4.74E+05	3.80E+00

Table D-2. (continued).

Day	Precipitation (mm/day)	Runoff		SoilCover Infiltration <sup>a</sup> (mm/day)	Bio-Intrusion		Lateral Drainage		
		Runoff (mm/day)	Adjusted Precipitation (mm/day)		Volume Infiltrating (mm <sup>3</sup> /day)	Average Infiltration (mm/day)	Head on Clay (mm/day)	Drainage <sup>b</sup> , q' (mm <sup>2</sup> /day)	Average Drainage <sup>c</sup> (mm/day)
8/25/67	0.000	0.000	0.000	-0.002	0.00E+00	0.00E+00	2.00E-03	4.74E+05	3.80E+00
8/26/67	0.000	0.000	0.000	-0.002	0.00E+00	0.00E+00	2.00E-03	4.74E+05	3.80E+00
8/27/67	0.000	0.000	0.000	-0.002	0.00E+00	0.00E+00	2.00E-03	4.74E+05	3.80E+00
8/28/67	0.000	0.000	0.000	-0.002	0.00E+00	0.00E+00	2.00E-03	4.74E+05	3.80E+00
8/29/67	0.000	0.000	0.000	-0.002	0.00E+00	0.00E+00	2.00E-03	4.74E+05	3.80E+00
8/30/67	0.000	0.000	0.000	-0.002	0.00E+00	0.00E+00	2.00E-03	4.74E+05	3.80E+00
8/31/67	0.000	0.000	0.000	-0.002	0.00E+00	0.00E+00	2.00E-03	4.74E+05	3.80E+00
9/1/67	0.000	0.000	0.000	-0.002	0.00E+00	0.00E+00	2.00E-03	4.74E+05	3.80E+00
9/2/67	0.000	0.000	0.000	-0.002	0.00E+00	0.00E+00	2.00E-03	4.74E+05	3.80E+00
9/3/67	0.000	0.000	0.000	-0.002	0.00E+00	0.00E+00	2.00E-03	4.74E+05	3.80E+00
9/4/67	0.000	0.000	0.000	-0.002	0.00E+00	0.00E+00	2.00E-03	4.74E+05	3.80E+00
9/5/67	0.000	0.000	0.000	-0.002	0.00E+00	0.00E+00	2.00E-03	4.74E+05	3.80E+00
9/6/67	0.000	0.000	0.000	-0.002	0.00E+00	0.00E+00	2.00E-03	4.74E+05	3.80E+00
9/7/67	0.000	0.000	0.000	-0.002	0.00E+00	0.00E+00	2.00E-03	4.74E+05	3.80E+00
9/8/67	0.000	0.000	0.000	-0.002	0.00E+00	0.00E+00	2.00E-03	4.74E+05	3.80E+00
9/9/67	0.000	0.000	0.000	-0.002	0.00E+00	0.00E+00	2.00E-03	4.74E+05	3.80E+00
9/10/67	0.000	0.000	0.000	-0.002	0.00E+00	0.00E+00	2.00E-03	4.74E+05	3.80E+00
9/11/67	0.000	0.000	0.000	-0.002	0.00E+00	0.00E+00	2.00E-03	4.74E+05	3.80E+00
9/12/67	0.000	0.000	0.000	-0.002	0.00E+00	0.00E+00	2.00E-03	4.74E+05	3.80E+00
9/13/67	0.000	0.000	0.000	-0.002	0.00E+00	0.00E+00	2.00E-03	4.74E+05	3.80E+00
9/14/67	0.000	0.000	0.000	-0.002	0.00E+00	0.00E+00	2.00E-03	4.74E+05	3.80E+00
9/15/67	0.000	0.000	0.000	-0.002	0.00E+00	0.00E+00	2.00E-03	4.74E+05	3.80E+00
9/16/67	0.000	0.000	0.000	-0.002	0.00E+00	0.00E+00	2.00E-03	4.74E+05	3.80E+00
9/17/67	0.000	0.000	0.000	-0.002	0.00E+00	0.00E+00	2.00E-03	4.74E+05	3.80E+00
9/18/67	0.000	0.000	0.000	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
9/19/67	0.000	0.000	0.000	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
9/20/67	0.000	0.000	0.000	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
9/21/67	0.000	0.000	0.000	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
9/22/67	0.000	0.000	0.000	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
9/23/67	0.000	0.000	0.000	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
9/24/67	0.000	0.000	0.000	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
9/25/67	0.000	0.000	0.000	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
9/26/67	0.000	0.000	0.000	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
9/27/67	0.000	0.000	0.000	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
9/28/67	0.000	0.000	0.000	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
9/29/67	0.000	0.000	0.000	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
9/30/67	0.762	0.000	0.762	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
10/1/67	0.762	0.000	0.762	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
10/2/67	0.254	0.000	0.254	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
10/3/67	1.524	0.000	1.524	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
10/4/67	0.000	0.000	0.000	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
10/5/67	6.350	0.000	6.350	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00

Table D-2. (continued).

Day	Precipitation (mm/day)	Runoff		SoilCover Infiltration <sup>a</sup> (mm/day)	Bio-Intrusion		Lateral Drainage		
		Runoff (mm/day)	Adjusted Precipitation (mm/day)		Volume Infiltrating (mm <sup>3</sup> /day)	Average Infiltration (mm/day)	Head on Clay (mm/day)	Drainage <sup>b</sup> , q <sup>c</sup> (mm <sup>2</sup> /day)	Average Drainage <sup>c</sup> (mm/day)
10/6/67	0.000	0.000	0.000	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
10/7/67	0.000	0.000	0.000	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
10/8/67	0.000	0.000	0.000	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
10/9/67	0.000	0.000	0.000	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
10/10/67	0.000	0.000	0.000	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
10/11/67	1.270	0.000	1.270	0.000	6.17E+06	9.90E-05	9.90E-05	4.74E+05	3.80E+00
10/12/67	0.508	0.000	0.508	0.000	2.47E+06	3.96E-05	3.96E-05	4.74E+05	3.80E+00
10/13/67	0.000	0.000	0.000	0.000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
10/14/67	0.000	0.000	0.000	0.000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
10/15/67	0.000	0.000	0.000	0.000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
10/16/67	0.000	0.000	0.000	0.000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
10/17/67	0.000	0.000	0.000	0.000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
10/18/67	0.000	0.000	0.000	0.000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
10/19/67	0.000	0.000	0.000	0.000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
10/20/67	0.000	0.000	0.000	0.000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
10/21/67	0.000	0.000	0.000	0.000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
10/22/67	0.000	0.000	0.000	0.000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
10/23/67	0.000	0.000	0.000	0.000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
10/24/67	0.000	0.000	0.000	0.000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
10/25/67	0.000	0.000	0.000	0.000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
10/26/67	0.000	0.000	0.000	0.000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
10/27/67	0.000	0.000	0.000	0.000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
10/28/67	3.302	0.000	3.302	0.000	1.61E+07	2.57E-04	2.57E-04	4.74E+05	3.80E+00
10/29/67	0.000	0.000	0.000	0.000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
10/30/67	0.000	0.000	0.000	0.000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
10/31/67	0.000	0.000	0.000	0.000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
11/1/67	0.000	0.000	0.000	0.000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
11/2/67	0.000	0.000	0.000	0.000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
11/3/67	0.000	0.000	0.000	0.000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
11/4/67	0.000	0.000	0.000	0.000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
11/5/67	0.000	0.000	0.000	0.000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
11/6/67	0.000	0.000	0.000	0.000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
11/7/67	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
11/8/67	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
11/9/67	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
11/10/67	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
11/11/67	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
11/12/67	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
11/13/67	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
11/14/67	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
11/15/67	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
11/16/67	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Table D-2. (continued).

Day	Precipitation (mm/day)	Runoff		SoilCover Infiltration <sup>a</sup> (mm/day)	Bio-Intrusion		Lateral Drainage		
		Runoff (mm/day)	Adjusted Precipitation (mm/day)		Volume Infiltrating (mm <sup>3</sup> /day)	Average Infiltration (mm/day)	Head on Clay (mm/day)	Drainage <sup>b</sup> , q' (mm <sup>2</sup> /day)	Average Drainage <sup>c</sup> (mm/day)
11/17/67	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
11/18/67	1.778	0.000	1.778	0.001	8.64E+06	1.39E-04	1.39E-04	4.74E+05	3.80E+00
11/19/67	1.270	0.000	1.270	0.001	6.17E+06	9.90E-05	9.90E-05	4.74E+05	3.80E+00
11/20/67	0.508	0.000	0.508	0.001	2.47E+06	3.96E-05	3.96E-05	4.74E+05	3.80E+00
11/21/67	0.508	0.000	0.508	0.001	2.47E+06	3.96E-05	3.96E-05	4.74E+05	3.80E+00
11/22/67	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
11/23/67	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
11/24/67	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
11/25/67	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
11/26/67	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
11/27/67	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
11/28/67	2.286	0.000	2.286	0.001	1.11E+07	1.78E-04	1.78E-04	4.74E+05	3.80E+00
11/29/67	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
11/30/67	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
12/1/67	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
12/2/67	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
12/3/67	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
12/4/67	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
12/5/67	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
12/6/67	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
12/7/67	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
12/8/67	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
12/9/67	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
12/10/67	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
12/11/67	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
12/12/67	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
12/13/67	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
12/14/67	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
12/15/67	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
12/16/67	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
12/17/67	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
12/18/67	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
12/19/67	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
12/20/67	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
12/21/67	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
12/22/67	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
12/23/67	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
12/24/67	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
12/25/67	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
12/26/67	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
12/27/67	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
12/28/67	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Table D-2. (continued).

Day	Precipitation (mm/day)	Runoff		SoilCover Infiltration <sup>a</sup> (mm/day)	Bio-Intrusion		Lateral Drainage		
		Runoff (mm/day)	Adjusted Precipitation (mm/day)		Volume Infiltrating (mm <sup>3</sup> /day)	Average Infiltration (mm/day)	Head on Clay (mm/day)	Drainage <sup>b</sup> , q <sup>c</sup> (mm <sup>2</sup> /day)	Average Drainage <sup>c</sup> (mm/day)
12/29/67	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
12/30/67	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
12/31/67	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1/1/68	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1/2/68	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1/3/68	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1/4/68	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1/5/68	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1/6/68	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1/7/68	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1/8/68	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1/9/68	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1/10/68	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1/11/68	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1/12/68	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1/13/68	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1/14/68	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1/15/68	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1/16/68	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1/17/68	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1/18/68	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1/19/68	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1/20/68	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1/21/68	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1/22/68	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1/23/68	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1/24/68	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1/25/68	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1/26/68	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1/27/68	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1/28/68	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1/29/68	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1/30/68	1.501	0.000	1.501	0.001	7.30E+06	1.17E-04	1.17E-04	4.74E+05	3.80E+00
1/31/68	1.501	0.000	1.501	0.001	7.30E+06	1.17E-04	1.17E-04	4.74E+05	3.80E+00
2/1/68	1.501	0.000	1.501	0.001	7.30E+06	1.17E-04	1.17E-04	4.74E+05	3.80E+00
2/2/68	1.771	0.000	1.771	0.001	8.61E+06	1.38E-04	1.38E-04	4.74E+05	3.80E+00
2/3/68	1.501	0.000	1.501	0.001	7.30E+06	1.17E-04	1.17E-04	4.74E+05	3.80E+00
2/4/68	1.501	0.000	1.501	0.001	7.30E+06	1.17E-04	1.17E-04	4.74E+05	3.80E+00
2/5/68	1.501	0.000	1.501	0.001	7.30E+06	1.17E-04	1.17E-04	4.74E+05	3.80E+00
2/6/68	1.501	0.000	1.501	0.001	7.30E+06	1.17E-04	1.17E-04	4.74E+05	3.80E+00
2/7/68	1.501	0.000	1.501	0.001	7.30E+06	1.17E-04	1.17E-04	4.74E+05	3.80E+00
2/8/68	1.501	0.000	1.501	0.001	7.30E+06	1.17E-04	1.17E-04	4.74E+05	3.80E+00

Table D-2. (continued).

Day	Precipitation (mm/day)	Runoff		SoilCover Infiltration <sup>a</sup> (mm/day)	Bio-Intrusion		Lateral Drainage		
		Runoff (mm/day)	Adjusted Precipitation (mm/day)		Volume Infiltrating (mm <sup>3</sup> /day)	Average Infiltration (mm/day)	Head on Clay (mm/day)	Drainage <sup>b</sup> , q' (mm <sup>2</sup> /day)	Average Drainage <sup>c</sup> (mm/day)
2/9/68	1.501	0.000	1.501	0.001	7.30E+06	1.17E-04	1.17E-04	4.74E+05	3.80E+00
2/10/68	1.501	0.000	1.501	0.001	7.30E+06	1.17E-04	1.17E-04	4.74E+05	3.80E+00
2/11/68	1.501	0.000	1.501	0.001	7.30E+06	1.17E-04	1.17E-04	4.74E+05	3.80E+00
2/12/68	1.501	0.000	1.501	0.001	7.30E+06	1.17E-04	1.17E-04	4.74E+05	3.80E+00
2/13/68	2.009	0.000	2.009	0.001	9.77E+06	1.57E-04	1.57E-04	4.74E+05	3.80E+00
2/14/68	1.501	0.000	1.501	0.001	7.30E+06	1.17E-04	1.17E-04	4.74E+05	3.80E+00
2/15/68	2.263	0.000	2.263	0.001	1.10E+07	1.76E-04	1.76E-04	4.74E+05	3.80E+00
2/16/68	1.501	0.000	1.501	0.001	7.30E+06	1.17E-04	1.17E-04	4.74E+05	3.80E+00
2/17/68	2.771	0.000	2.771	0.001	1.35E+07	2.16E-04	2.16E-04	4.74E+05	3.80E+00
2/18/68	1.501	0.000	1.501	0.001	7.30E+06	1.17E-04	1.17E-04	4.74E+05	3.80E+00
2/19/68	1.501	0.000	1.501	0.001	7.30E+06	1.17E-04	1.17E-04	4.74E+05	3.80E+00
2/20/68	1.755	0.000	1.755	0.001	8.53E+06	1.37E-04	1.37E-04	4.74E+05	3.80E+00
2/21/68	1.016	0.000	1.016	0.001	4.94E+06	7.92E-05	7.92E-05	4.74E+05	3.80E+00
2/22/68	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2/23/68	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2/24/68	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2/25/68	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2/26/68	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2/27/68	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2/28/68	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3/1/68	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3/2/68	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3/3/68	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3/4/68	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3/5/68	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3/6/68	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3/7/68	1.016	0.000	1.016	0.001	4.94E+06	7.92E-05	7.92E-05	4.74E+05	3.80E+00
3/8/68	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3/9/68	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3/10/68	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3/11/68	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3/12/68	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3/13/68	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3/14/68	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3/15/68	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3/16/68	0.254	0.000	0.254	0.001	1.23E+06	1.98E-05	1.98E-05	4.74E+05	3.80E+00
3/17/68	5.588	0.000	5.588	0.001	2.72E+07	4.36E-04	4.36E-04	4.74E+05	3.80E+00
3/18/68	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3/19/68	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3/20/68	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3/21/68	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3/22/68	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Table D-2. (continued).

Day	Precipitation (mm/day)	Runoff		SoilCover Infiltration <sup>a</sup> (mm/day)	Bio-Intrusion		Lateral Drainage		
		Runoff (mm/day)	Adjusted Precipitation (mm/day)		Volume Infiltrating (mm <sup>3</sup> /day)	Average Infiltration (mm/day)	Head on Clay (mm/day)	Drainage <sup>b</sup> , q' (mm <sup>2</sup> /day)	Average Drainage <sup>c</sup> (mm/day)
3/23/68	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3/24/68	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3/25/68	1.524	0.000	1.524	0.001	7.41E+06	1.19E-04	1.19E-04	4.74E+05	3.80E+00
3/26/68	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3/27/68	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3/28/68	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3/29/68	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3/30/68	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3/31/68	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4/1/68	0.254	0.000	0.254	0.001	1.23E+06	1.98E-05	1.98E-05	4.74E+05	3.80E+00
4/2/68	0.254	0.000	0.254	0.001	1.23E+06	1.98E-05	1.98E-05	4.74E+05	3.80E+00
4/3/68	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4/4/68	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4/5/68	0.508	0.000	0.508	0.001	2.47E+06	3.96E-05	3.96E-05	4.74E+05	3.80E+00
4/6/68	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4/7/68	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4/8/68	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4/9/68	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4/10/68	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4/11/68	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4/12/68	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4/13/68	0.508	0.000	0.508	0.001	2.47E+06	3.96E-05	3.96E-05	4.74E+05	3.80E+00
4/14/68	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4/15/68	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4/16/68	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4/17/68	0.762	0.000	0.762	0.001	3.70E+06	5.94E-05	5.94E-05	4.74E+05	3.80E+00
4/18/68	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4/19/68	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4/20/68	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4/21/68	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4/22/68	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4/23/68	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4/24/68	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4/25/68	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4/26/68	0.508	0.000	0.508	0.001	2.47E+06	3.96E-05	3.96E-05	4.74E+05	3.80E+00
4/27/68	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4/28/68	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4/29/68	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4/30/68	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5/1/68	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5/2/68	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5/3/68	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Table D-2. (continued).

Day	Precipitation (mm/day)	Runoff		SoilCover Infiltration <sup>a</sup> (mm/day)	Bio-Intrusion		Lateral Drainage		
		Runoff (mm/day)	Adjusted Precipitation (mm/day)		Volume Infiltrating (mm <sup>3</sup> /day)	Average Infiltration (mm/day)	Head on Clay (mm/day)	Drainage <sup>b</sup> , q' (mm <sup>2</sup> /day)	Average Drainage <sup>c</sup> (mm/day)
5/4/68	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5/5/68	0.254	0.000	0.254	0.001	1.23E+06	1.98E-05	1.98E-05	4.74E+05	3.80E+00
5/6/68	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5/7/68	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5/8/68	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5/9/68	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5/10/68	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5/11/68	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5/12/68	12.192	0.000	12.192	0.001	5.93E+07	9.51E-04	9.51E-04	4.74E+05	3.80E+00
5/13/68	10.160	0.000	10.160	0.001	4.94E+07	7.92E-04	7.92E-04	4.74E+05	3.80E+00
5/14/68	1.524	0.000	1.524	0.001	7.41E+06	1.19E-04	1.19E-04	4.74E+05	3.80E+00
5/15/68	5.334	0.000	5.334	0.001	2.59E+07	4.16E-04	4.16E-04	4.74E+05	3.80E+00
5/16/68	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5/17/68	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5/18/68	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5/19/68	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5/20/68	1.778	0.000	1.778	0.001	8.64E+06	1.39E-04	1.39E-04	4.74E+05	3.80E+00
5/21/68	5.842	0.000	5.842	0.001	2.84E+07	4.55E-04	4.55E-04	4.74E+05	3.80E+00
5/22/68	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5/23/68	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5/24/68	0.254	0.000	0.254	0.001	1.23E+06	1.98E-05	1.98E-05	4.74E+05	3.80E+00
5/25/68	0.508	0.000	0.508	0.001	2.47E+06	3.96E-05	3.96E-05	4.74E+05	3.80E+00
5/26/68	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5/27/68	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5/28/68	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5/29/68	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5/30/68	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5/31/68	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6/1/68	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6/2/68	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6/3/68	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6/4/68	0.762	0.000	0.762	0.001	3.70E+06	5.94E-05	5.94E-05	4.74E+05	3.80E+00
6/5/68	12.446	0.000	12.446	0.001	6.05E+07	9.70E-04	9.70E-04	4.74E+05	3.80E+00
6/6/68	10.414	0.000	10.414	0.000	5.06E+07	8.12E-04	8.12E-04	4.74E+05	3.80E+00
6/7/68	16.764	0.158	16.606	0.000	8.15E+07	1.31E-03	1.31E-03	4.74E+05	3.80E+00
6/8/68	10.668	0.000	10.668	0.000	5.19E+07	8.32E-04	8.32E-04	4.74E+05	3.80E+00
6/9/68	17.272	0.208	17.064	0.000	8.40E+07	1.35E-03	1.35E-03	4.74E+05	3.80E+00
6/10/68	13.462	0.000	13.462	0.000	6.54E+07	1.05E-03	1.05E-03	4.74E+05	3.80E+00
6/11/68	4.064	0.000	4.064	0.000	1.98E+07	3.17E-04	3.17E-04	4.74E+05	3.80E+00
6/12/68	0.000	0.000	0.000	0.000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6/13/68	0.508	0.000	0.508	0.000	2.47E+06	3.96E-05	3.96E-05	4.74E+05	3.80E+00
6/14/68	0.000	0.000	0.000	0.000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Table D-2. (continued).

Day	Precipitation (mm/day)	Runoff		SoilCover Infiltration <sup>a</sup> (mm/day)	Bio-Intrusion		Lateral Drainage		
		Runoff (mm/day)	Adjusted Precipitation (mm/day)		Volume Infiltrating (mm <sup>3</sup> /day)	Average Infiltration (mm/day)	Head on Clay (mm/day)	Drainage <sup>b</sup> , q' (mm <sup>2</sup> /day)	Average Drainage <sup>c</sup> (mm/day)
6/15/68	0.000	0.000	0.000	0.000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6/16/68	0.000	0.000	0.000	0.000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6/17/68	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6/18/68	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6/19/68	0.000	0.000	0.000	0.000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6/20/68	0.000	0.000	0.000	0.000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6/21/68	0.000	0.000	0.000	0.000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6/22/68	0.000	0.000	0.000	0.000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6/23/68	1.270	0.000	1.270	0.000	6.17E+06	9.90E-05	9.90E-05	4.74E+05	3.80E+00
6/24/68	0.000	0.000	0.000	0.000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6/25/68	0.000	0.000	0.000	0.000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6/26/68	0.000	0.000	0.000	0.000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6/27/68	0.000	0.000	0.000	0.000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6/28/68	0.000	0.000	0.000	0.000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6/29/68	11.176	0.000	11.176	0.000	5.43E+07	8.71E-04	8.71E-04	4.74E+05	3.80E+00
6/30/68	0.000	0.000	0.000	0.000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
7/1/68	0.000	0.000	0.000	0.000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
7/2/68	0.000	0.000	0.000	0.000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
7/3/68	0.000	0.000	0.000	0.000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
7/4/68	0.000	0.000	0.000	0.000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
7/5/68	0.000	0.000	0.000	0.000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
7/6/68	0.000	0.000	0.000	0.000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
7/7/68	0.000	0.000	0.000	0.000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
7/8/68	0.000	0.000	0.000	0.000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
7/9/68	0.000	0.000	0.000	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
7/10/68	1.270	0.000	1.270	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
7/11/68	0.000	0.000	0.000	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
7/12/68	0.000	0.000	0.000	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
7/13/68	0.000	0.000	0.000	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
7/14/68	0.000	0.000	0.000	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
7/15/68	0.000	0.000	0.000	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
7/16/68	0.000	0.000	0.000	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
7/17/68	0.000	0.000	0.000	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
7/18/68	0.000	0.000	0.000	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
7/19/68	0.000	0.000	0.000	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
7/20/68	0.000	0.000	0.000	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
7/21/68	0.000	0.000	0.000	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
7/22/68	0.000	0.000	0.000	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
7/23/68	0.000	0.000	0.000	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
7/24/68	0.000	0.000	0.000	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
7/25/68	0.000	0.000	0.000	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
7/26/68	0.000	0.000	0.000	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00

Table D-2. (continued).

Day	Precipitation (mm/day)	Runoff		SoilCover Infiltration <sup>a</sup> (mm/day)	Bio-Intrusion		Lateral Drainage		
		Runoff (mm/day)	Adjusted Precipitation (mm/day)		Volume Infiltrating (mm <sup>3</sup> /day)	Average Infiltration (mm/day)	Head on Clay (mm/day)	Drainage <sup>b</sup> , q' (mm <sup>2</sup> /day)	Average Drainage <sup>c</sup> (mm/day)
7/27/68	0.000	0.000	0.000	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
7/28/68	0.000	0.000	0.000	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
7/29/68	0.000	0.000	0.000	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
7/30/68	0.000	0.000	0.000	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
7/31/68	0.000	0.000	0.000	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
8/1/68	0.000	0.000	0.000	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
8/2/68	0.000	0.000	0.000	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
8/3/68	0.000	0.000	0.000	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
8/4/68	0.000	0.000	0.000	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
8/5/68	0.000	0.000	0.000	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
8/6/68	0.000	0.000	0.000	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
8/7/68	0.000	0.000	0.000	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
8/8/68	0.000	0.000	0.000	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
8/9/68	2.286	0.000	2.286	-0.002	0.00E+00	0.00E+00	2.00E-03	4.74E+05	3.80E+00
8/10/68	0.000	0.000	0.000	-0.002	0.00E+00	0.00E+00	2.00E-03	4.74E+05	3.80E+00
8/11/68	0.254	0.000	0.254	-0.002	0.00E+00	0.00E+00	2.00E-03	4.74E+05	3.80E+00
8/12/68	0.000	0.000	0.000	-0.002	0.00E+00	0.00E+00	2.00E-03	4.74E+05	3.80E+00
8/13/68	14.986	0.035	14.951	-0.002	0.00E+00	0.00E+00	2.00E-03	4.74E+05	3.80E+00
8/14/68	10.414	0.000	10.414	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
8/15/68	0.000	0.000	0.000	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
8/16/68	0.000	0.000	0.000	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
8/17/68	5.080	0.000	5.080	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
8/18/68	2.794	0.000	2.794	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
8/19/68	17.018	0.183	16.835	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
8/20/68	16.002	0.095	15.907	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
8/21/68	9.398	0.000	9.398	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
8/22/68	4.826	0.000	4.826	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
8/23/68	0.000	0.000	0.000	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
8/24/68	0.000	0.000	0.000	0.000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
8/25/68	0.000	0.000	0.000	0.000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
8/26/68	0.000	0.000	0.000	0.000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
8/27/68	0.000	0.000	0.000	0.000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
8/28/68	0.000	0.000	0.000	0.000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
8/29/68	0.000	0.000	0.000	0.000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
8/30/68	0.000	0.000	0.000	0.000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
8/31/68	0.000	0.000	0.000	0.000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
9/1/68	0.000	0.000	0.000	0.000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
9/2/68	0.000	0.000	0.000	0.000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
9/3/68	0.000	0.000	0.000	0.000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
9/4/68	0.000	0.000	0.000	0.000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
9/5/68	0.000	0.000	0.000	0.000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
9/6/68	0.000	0.000	0.000	0.000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Table D-2. (continued).

Day	Precipitation (mm/day)	Runoff		SoilCover Infiltration <sup>a</sup> (mm/day)	Bio-Intrusion		Lateral Drainage		
		Runoff (mm/day)	Adjusted Precipitation (mm/day)		Volume Infiltrating (mm <sup>3</sup> /day)	Average Infiltration (mm/day)	Head on Clay (mm/day)	Drainage <sup>b</sup> , q' (mm <sup>2</sup> /day)	Average Drainage <sup>c</sup> (mm/day)
9/7/68	0.000	0.000	0.000	0.000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
9/8/68	0.000	0.000	0.000	0.000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
9/9/68	0.000	0.000	0.000	0.000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
9/10/68	0.000	0.000	0.000	0.000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
9/11/68	0.762	0.000	0.762	0.000	3.70E+06	5.94E-05	5.94E-05	4.74E+05	3.80E+00
9/12/68	0.000	0.000	0.000	0.000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
9/13/68	0.000	0.000	0.000	0.000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
9/14/68	0.000	0.000	0.000	0.000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
9/15/68	0.000	0.000	0.000	0.000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
9/16/68	0.000	0.000	0.000	0.000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
9/17/68	0.000	0.000	0.000	0.000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
9/18/68	0.254	0.000	0.254	0.000	1.23E+06	1.98E-05	1.98E-05	4.74E+05	3.80E+00
9/19/68	0.000	0.000	0.000	0.000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
9/20/68	9.144	0.000	9.144	0.000	4.45E+07	7.13E-04	7.13E-04	4.74E+05	3.80E+00
9/21/68	9.398	0.000	9.398	0.000	4.57E+07	7.33E-04	7.33E-04	4.74E+05	3.80E+00
9/22/68	2.032	0.000	2.032	0.000	9.88E+06	1.58E-04	1.58E-04	4.74E+05	3.80E+00
9/23/68	0.000	0.000	0.000	0.000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
9/24/68	0.000	0.000	0.000	0.000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
9/25/68	0.000	0.000	0.000	0.000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
9/26/68	0.000	0.000	0.000	0.000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
9/27/68	0.000	0.000	0.000	0.000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
9/28/68	0.000	0.000	0.000	0.000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
9/29/68	0.000	0.000	0.000	0.000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
9/30/68	0.000	0.000	0.000	0.000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
10/1/68	0.000	0.000	0.000	0.000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
10/2/68	0.000	0.000	0.000	0.000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
10/3/68	0.000	0.000	0.000	0.000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
10/4/68	0.000	0.000	0.000	0.000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
10/5/68	0.000	0.000	0.000	0.000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
10/6/68	0.000	0.000	0.000	0.000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
10/7/68	0.000	0.000	0.000	0.000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
10/8/68	0.000	0.000	0.000	0.000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
10/9/68	0.000	0.000	0.000	0.000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
10/10/68	0.000	0.000	0.000	0.000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
10/11/68	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
10/12/68	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
10/13/68	0.508	0.000	0.508	0.001	2.47E+06	3.96E-05	3.96E-05	4.74E+05	3.80E+00
10/14/68	7.874	0.000	7.874	0.001	3.83E+07	6.14E-04	6.14E-04	4.74E+05	3.80E+00
10/15/68	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
10/16/68	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
10/17/68	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
10/18/68	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Table D-2. (continued).

Day	Precipitation (mm/day)	Runoff		SoilCover Infiltration <sup>a</sup> (mm/day)	Bio-Intrusion		Lateral Drainage		
		Runoff (mm/day)	Adjusted Precipitation (mm/day)		Volume Infiltrating (mm <sup>3</sup> /day)	Average Infiltration (mm/day)	Head on Clay (mm/day)	Drainage <sup>b</sup> , q' (mm <sup>2</sup> /day)	Average Drainage <sup>c</sup> (mm/day)
10/19/68	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
10/20/68	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
10/21/68	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
10/22/68	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
10/23/68	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
10/24/68	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
10/25/68	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
10/26/68	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
10/27/68	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
10/28/68	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
10/29/68	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
10/30/68	0.254	0.000	0.254	0.001	1.23E+06	1.98E-05	1.98E-05	4.74E+05	3.80E+00
10/31/68	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
11/1/68	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
11/2/68	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
11/3/68	15.240	0.048	15.192	0.001	7.41E+07	1.19E-03	1.19E-03	4.74E+05	3.80E+00
11/4/68	1.524	0.000	1.524	0.001	7.41E+06	1.19E-04	1.19E-04	4.74E+05	3.80E+00
11/5/68	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
11/6/68	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
11/7/68	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
11/8/68	0.508	0.000	0.508	0.001	2.47E+06	3.96E-05	3.96E-05	4.74E+05	3.80E+00
11/9/68	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
11/10/68	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
11/11/68	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
11/12/68	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
11/13/68	2.032	0.000	2.032	0.001	9.88E+06	1.58E-04	1.58E-04	4.74E+05	3.80E+00
11/14/68	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
11/15/68	0.508	0.000	0.508	0.001	2.47E+06	3.96E-05	3.96E-05	4.74E+05	3.80E+00
11/16/68	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
11/17/68	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
11/18/68	1.016	0.000	1.016	0.001	4.94E+06	7.92E-05	7.92E-05	4.74E+05	3.80E+00
11/19/68	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
11/20/68	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
11/21/68	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
11/22/68	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
11/23/68	0.000	0.000	0.000	0.002	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
11/24/68	0.000	0.000	0.000	0.002	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
11/25/68	1.524	0.000	1.524	0.002	7.41E+06	1.19E-04	1.19E-04	4.74E+05	3.80E+00
11/26/68	0.000	0.000	0.000	0.002	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
11/27/68	0.000	0.000	0.000	0.002	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
11/28/68	0.000	0.000	0.000	0.002	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
11/29/68	0.000	0.000	0.000	0.002	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Table D-2. (continued).

Table D-2. (continued).

Day	Precipitation (mm/day)	Runoff		SoilCover Infiltration <sup>a</sup> (mm/day)	Bio-Intrusion		Lateral Drainage		
		Runoff (mm/day)	Adjusted Precipitation (mm/day)		Volume Infiltrating (mm <sup>3</sup> /day)	Average Infiltration (mm/day)	Head on Clay (mm/day)	Drainage <sup>b</sup> , q <sup>c</sup> (mm <sup>3</sup> /day)	Average Drainage <sup>c</sup> (mm/day)
1/11/69	0.000	0.000	0.000	0.002	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1/12/69	0.000	0.000	0.000	0.002	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1/13/69	0.000	0.000	0.000	0.002	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1/14/69	0.000	0.000	0.000	0.002	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1/15/69	0.000	0.000	0.000	0.002	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1/16/69	0.000	0.000	0.000	0.002	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1/17/69	0.000	0.000	0.000	0.002	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1/18/69	0.000	0.000	0.000	0.002	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1/19/69	0.000	0.000	0.000	0.002	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1/20/69	0.000	0.000	0.000	0.002	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1/21/69	0.000	0.000	0.000	0.002	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1/22/69	0.000	0.000	0.000	0.002	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1/23/69	0.000	0.000	0.000	0.002	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1/24/69	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1/25/69	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1/26/69	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1/27/69	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1/28/69	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1/29/69	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1/30/69	5.646	0.000	5.646	0.001	2.74E+07	4.40E-04	4.40E-04	4.74E+05	3.80E+00
1/31/69	4.630	0.000	4.630	0.001	2.25E+07	3.61E-04	3.61E-04	4.74E+05	3.80E+00
2/1/69	4.884	0.000	4.884	0.001	2.37E+07	3.81E-04	3.81E-04	4.74E+05	3.80E+00
2/2/69	4.376	0.000	4.376	0.001	2.13E+07	3.41E-04	3.41E-04	4.74E+05	3.80E+00
2/3/69	4.376	0.000	4.376	0.001	2.13E+07	3.41E-04	3.41E-04	4.74E+05	3.80E+00
2/4/69	4.376	0.000	4.376	0.001	2.13E+07	3.41E-04	3.41E-04	4.74E+05	3.80E+00
2/5/69	5.392	0.000	5.392	0.001	2.62E+07	4.20E-04	4.20E-04	4.74E+05	3.80E+00
2/6/69	6.662	0.000	6.662	0.001	3.24E+07	5.19E-04	5.19E-04	4.74E+05	3.80E+00
2/7/69	4.376	0.000	4.376	0.001	2.13E+07	3.41E-04	3.41E-04	4.74E+05	3.80E+00
2/8/69	4.376	0.000	4.376	0.001	2.13E+07	3.41E-04	3.41E-04	4.74E+05	3.80E+00
2/9/69	4.376	0.000	4.376	0.001	2.13E+07	3.41E-04	3.41E-04	4.74E+05	3.80E+00
2/10/69	5.138	0.000	5.138	0.001	2.50E+07	4.01E-04	4.01E-04	4.74E+05	3.80E+00
2/11/69	4.376	0.000	4.376	0.001	2.13E+07	3.41E-04	3.41E-04	4.74E+05	3.80E+00
2/12/69	8.440	0.000	8.440	0.001	4.10E+07	6.58E-04	6.58E-04	4.74E+05	3.80E+00
2/13/69	4.630	0.000	4.630	0.001	2.25E+07	3.61E-04	3.61E-04	4.74E+05	3.80E+00
2/14/69	4.376	0.000	4.376	0.001	2.13E+07	3.41E-04	3.41E-04	4.74E+05	3.80E+00
2/15/69	5.900	0.000	5.900	0.001	2.87E+07	4.60E-04	4.60E-04	4.74E+05	3.80E+00
2/16/69	4.376	0.000	4.376	0.001	2.13E+07	3.41E-04	3.41E-04	4.74E+05	3.80E+00
2/17/69	4.376	0.000	4.376	0.001	2.13E+07	3.41E-04	3.41E-04	4.74E+05	3.80E+00
2/18/69	4.376	0.000	4.376	0.001	2.13E+07	3.41E-04	3.41E-04	4.74E+05	3.80E+00
2/19/69	4.376	0.000	4.376	0.001	2.13E+07	3.41E-04	3.41E-04	4.74E+05	3.80E+00
2/20/69	4.376	0.000	4.376	0.001	2.13E+07	3.41E-04	3.41E-04	4.74E+05	3.80E+00
2/21/69	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Table D-2. (continued).

Day	Precipitation (mm/day)	Runoff		SoilCover Infiltration <sup>a</sup> (mm/day)	Bio-Intrusion		Lateral Drainage		
		Runoff (mm/day)	Adjusted Precipitation (mm/day)		Volume Infiltrating (mm <sup>3</sup> /day)	Average Infiltration (mm/day)	Head on Clay (mm/day)	Drainage <sup>b</sup> , q' (mm <sup>2</sup> /day)	Average Drainage <sup>c</sup> (mm/day)
2/22/69	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2/23/69	0.762	0.000	0.762	0.001	3.70E+06	5.94E-05	5.94E-05	4.74E+05	3.80E+00
2/24/69	11.938	0.000	11.938	0.001	5.80E+07	9.31E-04	9.31E-04	4.74E+05	3.80E+00
2/25/69	0.254	0.000	0.254	0.001	1.23E+06	1.98E-05	1.98E-05	4.74E+05	3.80E+00
2/26/69	0.254	0.000	0.254	0.001	1.23E+06	1.98E-05	1.98E-05	4.74E+05	3.80E+00
2/27/69	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2/28/69	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3/1/69	0.254	0.000	0.254	0.001	1.23E+06	1.98E-05	1.98E-05	4.74E+05	3.80E+00
3/2/69	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3/3/69	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3/4/69	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3/5/69	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3/6/69	1.270	0.000	1.270	0.001	6.17E+06	9.90E-05	9.90E-05	4.74E+05	3.80E+00
3/7/69	0.254	0.000	0.254	0.001	1.23E+06	1.98E-05	1.98E-05	4.74E+05	3.80E+00
3/8/69	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3/9/69	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3/10/69	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3/11/69	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3/12/69	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3/13/69	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3/14/69	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3/15/69	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3/16/69	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3/17/69	0.254	0.000	0.254	0.001	1.23E+06	1.98E-05	1.98E-05	4.74E+05	3.80E+00
3/18/69	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3/19/69	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3/20/69	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3/21/69	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3/22/69	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3/23/69	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3/24/69	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3/25/69	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3/26/69	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3/27/69	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3/28/69	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3/29/69	0.000	0.000	0.000	0.001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3/30/69	0.000	0.000	0.000	0.000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3/31/69	0.000	0.000	0.000	0.000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4/1/69	0.000	0.000	0.000	0.000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4/2/69	0.000	0.000	0.000	0.000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4/3/69	0.000	0.000	0.000	0.000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4/4/69	0.000	0.000	0.000	0.000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Table D-2. (continued).

Day	Precipitation (mm/day)	Runoff		SoilCover Infiltration <sup>a</sup> (mm/day)	Bio-Intrusion		Lateral Drainage		
		Runoff (mm/day)	Adjusted Precipitation (mm/day)		Volume Infiltrating (mm <sup>3</sup> /day)	Average Infiltration (mm/day)	Head on Clay (mm/day)	Drainage <sup>b</sup> , q' (mm <sup>2</sup> /day)	Average Drainage <sup>c</sup> (mm/day)
4/5/69	0.000	0.000	0.000	0.000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4/6/69	0.000	0.000	0.000	0.000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4/7/69	1.778	0.000	1.778	0.000	8.64E+06	1.39E-04	1.39E-04	4.74E+05	3.80E+00
4/8/69	0.000	0.000	0.000	0.000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4/9/69	0.000	0.000	0.000	0.000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4/10/69	0.000	0.000	0.000	0.000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4/11/69	0.000	0.000	0.000	0.000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4/12/69	0.000	0.000	0.000	0.000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4/13/69	0.000	0.000	0.000	0.000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4/14/69	0.000	0.000	0.000	0.000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4/15/69	0.000	0.000	0.000	0.000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4/16/69	0.000	0.000	0.000	0.000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4/17/69	0.000	0.000	0.000	0.000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4/18/69	0.254	0.000	0.254	0.000	1.23E+06	1.98E-05	1.98E-05	4.74E+05	3.80E+00
4/19/69	0.000	0.000	0.000	0.000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4/20/69	0.000	0.000	0.000	0.000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4/21/69	0.000	0.000	0.000	0.000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4/22/69	0.000	0.000	0.000	0.000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4/23/69	0.000	0.000	0.000	0.000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4/24/69	0.000	0.000	0.000	0.000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4/25/69	0.000	0.000	0.000	0.000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4/26/69	0.000	0.000	0.000	0.000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4/27/69	0.000	0.000	0.000	0.000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4/28/69	0.000	0.000	0.000	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
4/29/69	0.000	0.000	0.000	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
4/30/69	0.000	0.000	0.000	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
5/1/69	0.000	0.000	0.000	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
5/2/69	0.000	0.000	0.000	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
5/3/69	0.000	0.000	0.000	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
5/4/69	0.000	0.000	0.000	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
5/5/69	0.000	0.000	0.000	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
5/6/69	0.000	0.000	0.000	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
5/7/69	0.000	0.000	0.000	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
5/8/69	0.000	0.000	0.000	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
5/9/69	0.000	0.000	0.000	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
5/10/69	0.000	0.000	0.000	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
5/11/69	0.000	0.000	0.000	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
5/12/69	0.000	0.000	0.000	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
5/13/69	0.508	0.000	0.508	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
5/14/69	0.254	0.000	0.254	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
5/15/69	0.000	0.000	0.000	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
5/16/69	0.000	0.000	0.000	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00

Table D-2. (continued).

Day	Precipitation (mm/day)	Runoff		SoilCover Infiltration <sup>a</sup> (mm/day)	Bio-Intrusion		Lateral Drainage		
		Runoff (mm/day)	Adjusted Precipitation (mm/day)		Volume Infiltrating (mm <sup>3</sup> /day)	Average Infiltration (mm/day)	Head on Clay (mm/day)	Drainage <sup>b</sup> , q' (mm <sup>2</sup> /day)	Average Drainage <sup>c</sup> (mm/day)
5/17/69	0.000	0.000	0.000	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
5/18/69	1.016	0.000	1.016	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
5/19/69	0.000	0.000	0.000	-0.002	0.00E+00	0.00E+00	2.00E-03	4.74E+05	3.80E+00
5/20/69	0.000	0.000	0.000	-0.002	0.00E+00	0.00E+00	2.00E-03	4.74E+05	3.80E+00
5/21/69	0.000	0.000	0.000	-0.002	0.00E+00	0.00E+00	2.00E-03	4.74E+05	3.80E+00
5/22/69	0.000	0.000	0.000	-0.002	0.00E+00	0.00E+00	2.00E-03	4.74E+05	3.80E+00
5/23/69	0.000	0.000	0.000	-0.002	0.00E+00	0.00E+00	2.00E-03	4.74E+05	3.80E+00
5/24/69	0.000	0.000	0.000	-0.002	0.00E+00	0.00E+00	2.00E-03	4.74E+05	3.80E+00
5/25/69	0.000	0.000	0.000	-0.002	0.00E+00	0.00E+00	2.00E-03	4.74E+05	3.80E+00
5/26/69	0.000	0.000	0.000	-0.002	0.00E+00	0.00E+00	2.00E-03	4.74E+05	3.80E+00
5/27/69	0.000	0.000	0.000	-0.002	0.00E+00	0.00E+00	2.00E-03	4.74E+05	3.80E+00
5/28/69	0.000	0.000	0.000	-0.002	0.00E+00	0.00E+00	2.00E-03	4.74E+05	3.80E+00
5/29/69	0.000	0.000	0.000	-0.002	0.00E+00	0.00E+00	2.00E-03	4.74E+05	3.80E+00
5/30/69	0.000	0.000	0.000	-0.002	0.00E+00	0.00E+00	2.00E-03	4.74E+05	3.80E+00
5/31/69	0.000	0.000	0.000	-0.002	0.00E+00	0.00E+00	2.00E-03	4.74E+05	3.80E+00
6/1/69	0.000	0.000	0.000	-0.002	0.00E+00	0.00E+00	2.00E-03	4.74E+05	3.80E+00
6/2/69	0.000	0.000	0.000	-0.002	0.00E+00	0.00E+00	2.00E-03	4.74E+05	3.80E+00
6/3/69	0.000	0.000	0.000	-0.002	0.00E+00	0.00E+00	2.00E-03	4.74E+05	3.80E+00
6/4/69	0.000	0.000	0.000	-0.002	0.00E+00	0.00E+00	2.00E-03	4.74E+05	3.80E+00
6/5/69	0.000	0.000	0.000	-0.002	0.00E+00	0.00E+00	2.00E-03	4.74E+05	3.80E+00
6/6/69	0.000	0.000	0.000	-0.002	0.00E+00	0.00E+00	2.00E-03	4.74E+05	3.80E+00
6/7/69	0.762	0.000	0.762	-0.002	0.00E+00	0.00E+00	2.00E-03	4.74E+05	3.80E+00
6/8/69	0.254	0.000	0.254	-0.002	0.00E+00	0.00E+00	2.00E-03	4.74E+05	3.80E+00
6/9/69	0.000	0.000	0.000	-0.002	0.00E+00	0.00E+00	2.00E-03	4.74E+05	3.80E+00
6/10/69	41.656	8.358	33.298	-0.003	0.00E+00	0.00E+00	3.00E-03	4.74E+05	3.80E+00
6/11/69	0.000	0.000	0.000	-0.003	0.00E+00	0.00E+00	3.00E-03	4.74E+05	3.80E+00
6/12/69	0.508	0.000	0.508	-0.003	0.00E+00	0.00E+00	3.00E-03	4.74E+05	3.80E+00
6/13/69	0.000	0.000	0.000	-0.003	0.00E+00	0.00E+00	3.00E-03	4.74E+05	3.80E+00
6/14/69	0.000	0.000	0.000	-0.003	0.00E+00	0.00E+00	3.00E-03	4.74E+05	3.80E+00
6/15/69	0.000	0.000	0.000	-0.003	0.00E+00	0.00E+00	3.00E-03	4.74E+05	3.80E+00
6/16/69	0.000	0.000	0.000	-0.003	0.00E+00	0.00E+00	3.00E-03	4.74E+05	3.80E+00
6/17/69	0.000	0.000	0.000	-0.003	0.00E+00	0.00E+00	3.00E-03	4.74E+05	3.80E+00
6/18/69	0.000	0.000	0.000	-0.003	0.00E+00	0.00E+00	3.00E-03	4.74E+05	3.80E+00
6/19/69	4.064	0.000	4.064	-0.003	0.00E+00	0.00E+00	3.00E-03	4.74E+05	3.80E+00
6/20/69	0.508	0.000	0.508	-0.003	0.00E+00	0.00E+00	3.00E-03	4.74E+05	3.80E+00
6/21/69	0.000	0.000	0.000	-0.003	0.00E+00	0.00E+00	3.00E-03	4.74E+05	3.80E+00
6/22/69	0.000	0.000	0.000	-0.003	0.00E+00	0.00E+00	3.00E-03	4.74E+05	3.80E+00
6/23/69	2.032	0.000	2.032	-0.003	0.00E+00	0.00E+00	3.00E-03	4.74E+05	3.80E+00
6/24/69	5.842	0.000	5.842	-0.003	0.00E+00	0.00E+00	3.00E-03	4.74E+05	3.80E+00
6/25/69	2.540	0.000	2.540	-0.003	0.00E+00	0.00E+00	3.00E-03	4.74E+05	3.80E+00
6/26/69	0.000	0.000	0.000	-0.003	0.00E+00	0.00E+00	3.00E-03	4.74E+05	3.80E+00
6/27/69	2.540	0.000	2.540	-0.003	0.00E+00	0.00E+00	3.00E-03	4.74E+05	3.80E+00

Table D-2. (continued).

Day	Precipitation (mm/day)	Runoff		SoilCover Infiltration <sup>a</sup> (mm/day)	Bio-Intrusion		Lateral Drainage		
		Runoff (mm/day)	Adjusted Precipitation (mm/day)		Volume Infiltrating (mm <sup>3</sup> /day)	Average Infiltration (mm/day)	Head on Clay (mm/day)	Drainage <sup>b</sup> , q' (mm <sup>2</sup> /day)	Average Drainage <sup>c</sup> (mm/day)
6/28/69	0.000	0.000	0.000	-0.003	0.00E+00	0.00E+00	3.00E-03	4.74E+05	3.80E+00
6/29/69	0.000	0.000	0.000	-0.003	0.00E+00	0.00E+00	3.00E-03	4.74E+05	3.80E+00
6/30/69	0.000	0.000	0.000	-0.003	0.00E+00	0.00E+00	3.00E-03	4.74E+05	3.80E+00
7/1/69	0.000	0.000	0.000	-0.003	0.00E+00	0.00E+00	3.00E-03	4.74E+05	3.80E+00
7/2/69	0.000	0.000	0.000	-0.003	0.00E+00	0.00E+00	3.00E-03	4.74E+05	3.80E+00
7/3/69	0.000	0.000	0.000	-0.003	0.00E+00	0.00E+00	3.00E-03	4.74E+05	3.80E+00
7/4/69	0.000	0.000	0.000	-0.003	0.00E+00	0.00E+00	3.00E-03	4.74E+05	3.80E+00
7/5/69	0.000	0.000	0.000	-0.003	0.00E+00	0.00E+00	3.00E-03	4.74E+05	3.80E+00
7/6/69	0.000	0.000	0.000	-0.003	0.00E+00	0.00E+00	3.00E-03	4.74E+05	3.80E+00
7/7/69	0.000	0.000	0.000	-0.003	0.00E+00	0.00E+00	3.00E-03	4.74E+05	3.80E+00
7/8/69	0.000	0.000	0.000	-0.003	0.00E+00	0.00E+00	3.00E-03	4.74E+05	3.80E+00
7/9/69	0.000	0.000	0.000	-0.003	0.00E+00	0.00E+00	3.00E-03	4.74E+05	3.80E+00
7/10/69	0.000	0.000	0.000	-0.003	0.00E+00	0.00E+00	3.00E-03	4.74E+05	3.80E+00
7/11/69	0.000	0.000	0.000	-0.003	0.00E+00	0.00E+00	3.00E-03	4.74E+05	3.80E+00
7/12/69	0.000	0.000	0.000	-0.003	0.00E+00	0.00E+00	3.00E-03	4.74E+05	3.80E+00
7/13/69	0.000	0.000	0.000	-0.003	0.00E+00	0.00E+00	3.00E-03	4.74E+05	3.80E+00
7/14/69	0.000	0.000	0.000	-0.003	0.00E+00	0.00E+00	3.00E-03	4.74E+05	3.80E+00
7/15/69	0.000	0.000	0.000	-0.004	0.00E+00	0.00E+00	4.00E-03	4.74E+05	3.80E+00
7/16/69	0.000	0.000	0.000	-0.004	0.00E+00	0.00E+00	4.00E-03	4.74E+05	3.80E+00
7/17/69	0.000	0.000	0.000	-0.004	0.00E+00	0.00E+00	4.00E-03	4.74E+05	3.80E+00
7/18/69	0.000	0.000	0.000	-0.004	0.00E+00	0.00E+00	4.00E-03	4.74E+05	3.80E+00
7/19/69	0.000	0.000	0.000	-0.004	0.00E+00	0.00E+00	4.00E-03	4.74E+05	3.80E+00
7/20/69	0.000	0.000	0.000	-0.004	0.00E+00	0.00E+00	4.00E-03	4.74E+05	3.80E+00
7/21/69	0.000	0.000	0.000	-0.004	0.00E+00	0.00E+00	4.00E-03	4.74E+05	3.80E+00
7/22/69	0.000	0.000	0.000	-0.004	0.00E+00	0.00E+00	4.00E-03	4.74E+05	3.80E+00
7/23/69	0.000	0.000	0.000	-0.004	0.00E+00	0.00E+00	4.00E-03	4.74E+05	3.80E+00
7/24/69	0.000	0.000	0.000	-0.005	0.00E+00	0.00E+00	5.00E-03	4.74E+05	3.80E+00
7/25/69	0.000	0.000	0.000	-0.005	0.00E+00	0.00E+00	5.00E-03	4.74E+05	3.80E+00
7/26/69	0.000	0.000	0.000	-0.005	0.00E+00	0.00E+00	5.00E-03	4.74E+05	3.80E+00
7/27/69	0.000	0.000	0.000	-0.005	0.00E+00	0.00E+00	5.00E-03	4.74E+05	3.80E+00
7/28/69	0.508	0.000	0.508	-0.005	0.00E+00	0.00E+00	5.00E-03	4.74E+05	3.80E+00
7/29/69	0.000	0.000	0.000	-0.005	0.00E+00	0.00E+00	5.00E-03	4.74E+05	3.80E+00
7/30/69	0.000	0.000	0.000	-0.005	0.00E+00	0.00E+00	5.00E-03	4.74E+05	3.80E+00
7/31/69	0.000	0.000	0.000	-0.005	0.00E+00	0.00E+00	5.00E-03	4.74E+05	3.80E+00
8/1/69	0.000	0.000	0.000	-0.005	0.00E+00	0.00E+00	5.00E-03	4.74E+05	3.80E+00
8/2/69	0.000	0.000	0.000	-0.005	0.00E+00	0.00E+00	5.00E-03	4.74E+05	3.80E+00
8/3/69	0.000	0.000	0.000	-0.005	0.00E+00	0.00E+00	5.00E-03	4.74E+05	3.80E+00
8/4/69	0.000	0.000	0.000	-0.005	0.00E+00	0.00E+00	5.00E-03	4.74E+05	3.80E+00
8/5/69	0.000	0.000	0.000	-0.006	0.00E+00	0.00E+00	6.00E-03	4.74E+05	3.80E+00
8/6/69	0.000	0.000	0.000	-0.006	0.00E+00	0.00E+00	6.00E-03	4.74E+05	3.80E+00
8/7/69	0.000	0.000	0.000	-0.006	0.00E+00	0.00E+00	6.00E-03	4.74E+05	3.80E+00
8/8/69	0.000	0.000	0.000	-0.006	0.00E+00	0.00E+00	6.00E-03	4.74E+05	3.80E+00

Table D-2. (continued).

Day	Precipitation (mm/day)	Runoff		SoilCover Infiltration <sup>a</sup> (mm/day)	Bio-Intrusion		Lateral Drainage		
		Runoff (mm/day)	Adjusted Precipitation (mm/day)		Volume Infiltrating (mm <sup>3</sup> /day)	Average Infiltration (mm/day)	Head on Clay (mm/day)	Drainage <sup>b</sup> , q' (mm <sup>2</sup> /day)	Average Drainage <sup>c</sup> (mm/day)
8/9/69	0.000	0.000	0.000	-0.006	0.00E+00	0.00E+00	6.00E-03	4.74E+05	3.80E+00
8/10/69	0.000	0.000	0.000	-0.006	0.00E+00	0.00E+00	6.00E-03	4.74E+05	3.80E+00
8/11/69	0.000	0.000	0.000	-0.006	0.00E+00	0.00E+00	6.00E-03	4.74E+05	3.80E+00
8/12/69	0.000	0.000	0.000	-0.006	0.00E+00	0.00E+00	6.00E-03	4.74E+05	3.80E+00
8/13/69	0.000	0.000	0.000	-0.006	0.00E+00	0.00E+00	6.00E-03	4.74E+05	3.80E+00
8/14/69	0.000	0.000	0.000	-0.006	0.00E+00	0.00E+00	6.00E-03	4.74E+05	3.80E+00
8/15/69	0.000	0.000	0.000	-0.006	0.00E+00	0.00E+00	6.00E-03	4.74E+05	3.80E+00
8/16/69	0.000	0.000	0.000	-0.006	0.00E+00	0.00E+00	6.00E-03	4.74E+05	3.80E+00
8/17/69	0.000	0.000	0.000	-0.006	0.00E+00	0.00E+00	6.00E-03	4.74E+05	3.80E+00
8/18/69	0.000	0.000	0.000	-0.006	0.00E+00	0.00E+00	6.00E-03	4.74E+05	3.80E+00
8/19/69	0.000	0.000	0.000	-0.006	0.00E+00	0.00E+00	6.00E-03	4.74E+05	3.80E+00
8/20/69	0.000	0.000	0.000	-0.006	0.00E+00	0.00E+00	6.00E-03	4.74E+05	3.80E+00
8/21/69	0.000	0.000	0.000	-0.006	0.00E+00	0.00E+00	6.00E-03	4.74E+05	3.80E+00
8/22/69	0.000	0.000	0.000	-0.006	0.00E+00	0.00E+00	6.00E-03	4.74E+05	3.80E+00
8/23/69	0.000	0.000	0.000	-0.006	0.00E+00	0.00E+00	6.00E-03	4.74E+05	3.80E+00
8/24/69	0.000	0.000	0.000	-0.006	0.00E+00	0.00E+00	6.00E-03	4.74E+05	3.80E+00
8/25/69	0.000	0.000	0.000	-0.006	0.00E+00	0.00E+00	6.00E-03	4.74E+05	3.80E+00
8/26/69	0.000	0.000	0.000	-0.006	0.00E+00	0.00E+00	6.00E-03	4.74E+05	3.80E+00
8/27/69	0.000	0.000	0.000	-0.006	0.00E+00	0.00E+00	6.00E-03	4.74E+05	3.80E+00
8/28/69	0.000	0.000	0.000	-0.006	0.00E+00	0.00E+00	6.00E-03	4.74E+05	3.80E+00
8/29/69	0.000	0.000	0.000	-0.006	0.00E+00	0.00E+00	6.00E-03	4.74E+05	3.80E+00
8/30/69	0.000	0.000	0.000	-0.006	0.00E+00	0.00E+00	6.00E-03	4.74E+05	3.80E+00
8/31/69	0.000	0.000	0.000	-0.006	0.00E+00	0.00E+00	6.00E-03	4.74E+05	3.80E+00
9/1/69	0.000	0.000	0.000	-0.006	0.00E+00	0.00E+00	6.00E-03	4.74E+05	3.80E+00
9/2/69	0.000	0.000	0.000	-0.006	0.00E+00	0.00E+00	6.00E-03	4.74E+05	3.80E+00
9/3/69	0.000	0.000	0.000	-0.006	0.00E+00	0.00E+00	6.00E-03	4.74E+05	3.80E+00
9/4/69	0.000	0.000	0.000	-0.006	0.00E+00	0.00E+00	6.00E-03	4.74E+05	3.80E+00
9/5/69	0.000	0.000	0.000	-0.006	0.00E+00	0.00E+00	6.00E-03	4.74E+05	3.80E+00
9/6/69	0.000	0.000	0.000	-0.006	0.00E+00	0.00E+00	6.00E-03	4.74E+05	3.80E+00
9/7/69	0.000	0.000	0.000	-0.006	0.00E+00	0.00E+00	6.00E-03	4.74E+05	3.80E+00
9/8/69	0.000	0.000	0.000	-0.006	0.00E+00	0.00E+00	6.00E-03	4.74E+05	3.80E+00
9/9/69	0.254	0.000	0.254	-0.006	0.00E+00	0.00E+00	6.00E-03	4.74E+05	3.80E+00
9/10/69	0.508	0.000	0.508	-0.006	0.00E+00	0.00E+00	6.00E-03	4.74E+05	3.80E+00
9/11/69	0.508	0.000	0.508	-0.006	0.00E+00	0.00E+00	6.00E-03	4.74E+05	3.80E+00
9/12/69	0.000	0.000	0.000	-0.006	0.00E+00	0.00E+00	6.00E-03	4.74E+05	3.80E+00
9/13/69	0.000	0.000	0.000	-0.006	0.00E+00	0.00E+00	6.00E-03	4.74E+05	3.80E+00
9/14/69	0.000	0.000	0.000	-0.005	0.00E+00	0.00E+00	5.00E-03	4.74E+05	3.80E+00
9/15/69	0.000	0.000	0.000	-0.005	0.00E+00	0.00E+00	5.00E-03	4.74E+05	3.80E+00
9/16/69	0.000	0.000	0.000	-0.005	0.00E+00	0.00E+00	5.00E-03	4.74E+05	3.80E+00
9/17/69	0.000	0.000	0.000	-0.005	0.00E+00	0.00E+00	5.00E-03	4.74E+05	3.80E+00
9/18/69	2.540	0.000	2.540	-0.005	0.00E+00	0.00E+00	5.00E-03	4.74E+05	3.80E+00
9/19/69	1.524	0.000	1.524	-0.005	0.00E+00	0.00E+00	5.00E-03	4.74E+05	3.80E+00

Table D-2. (continued).

Day	Precipitation (mm/day)	Runoff		SoilCover Infiltration <sup>a</sup> (mm/day)	Bio-Intrusion		Lateral Drainage		
		Runoff (mm/day)	Adjusted Precipitation (mm/day)		Volume Infiltrating (mm <sup>3</sup> /day)	Average Infiltration (mm/day)	Head on Clay (mm/day)	Drainage <sup>b</sup> , q <sup>c</sup> (mm <sup>2</sup> /day)	Average Drainage <sup>c</sup> (mm/day)
9/20/69	2.032	0.000	2.032	-0.005	0.00E+00	0.00E+00	5.00E-03	4.74E+05	3.80E+00
9/21/69	0.000	0.000	0.000	-0.005	0.00E+00	0.00E+00	5.00E-03	4.74E+05	3.80E+00
9/22/69	0.000	0.000	0.000	-0.005	0.00E+00	0.00E+00	5.00E-03	4.74E+05	3.80E+00
9/23/69	0.000	0.000	0.000	-0.005	0.00E+00	0.00E+00	5.00E-03	4.74E+05	3.80E+00
9/24/69	0.000	0.000	0.000	-0.005	0.00E+00	0.00E+00	5.00E-03	4.74E+05	3.80E+00
9/25/69	0.000	0.000	0.000	-0.005	0.00E+00	0.00E+00	5.00E-03	4.74E+05	3.80E+00
9/26/69	0.000	0.000	0.000	-0.005	0.00E+00	0.00E+00	5.00E-03	4.74E+05	3.80E+00
9/27/69	0.000	0.000	0.000	-0.005	0.00E+00	0.00E+00	5.00E-03	4.74E+05	3.80E+00
9/28/69	0.000	0.000	0.000	-0.005	0.00E+00	0.00E+00	5.00E-03	4.74E+05	3.80E+00
9/29/69	0.000	0.000	0.000	-0.005	0.00E+00	0.00E+00	5.00E-03	4.74E+05	3.80E+00
9/30/69	0.000	0.000	0.000	-0.005	0.00E+00	0.00E+00	5.00E-03	4.74E+05	3.80E+00
10/1/69	0.000	0.000	0.000	-0.005	0.00E+00	0.00E+00	5.00E-03	4.74E+05	3.80E+00
10/2/69	3.810	0.000	3.810	-0.005	0.00E+00	0.00E+00	5.00E-03	4.74E+05	3.80E+00
10/3/69	0.508	0.000	0.508	-0.005	0.00E+00	0.00E+00	5.00E-03	4.74E+05	3.80E+00
10/4/69	0.000	0.000	0.000	-0.005	0.00E+00	0.00E+00	5.00E-03	4.74E+05	3.80E+00
10/5/69	0.000	0.000	0.000	-0.005	0.00E+00	0.00E+00	5.00E-03	4.74E+05	3.80E+00
10/6/69	0.000	0.000	0.000	-0.005	0.00E+00	0.00E+00	5.00E-03	4.74E+05	3.80E+00
10/7/69	0.000	0.000	0.000	-0.005	0.00E+00	0.00E+00	5.00E-03	4.74E+05	3.80E+00
10/8/69	0.254	0.000	0.254	-0.005	0.00E+00	0.00E+00	5.00E-03	4.74E+05	3.80E+00
10/9/69	0.000	0.000	0.000	-0.005	0.00E+00	0.00E+00	5.00E-03	4.74E+05	3.80E+00
10/10/69	0.000	0.000	0.000	-0.004	0.00E+00	0.00E+00	4.00E-03	4.74E+05	3.80E+00
10/11/69	0.000	0.000	0.000	-0.004	0.00E+00	0.00E+00	4.00E-03	4.74E+05	3.80E+00
10/12/69	0.000	0.000	0.000	-0.004	0.00E+00	0.00E+00	4.00E-03	4.74E+05	3.80E+00
10/13/69	0.000	0.000	0.000	-0.004	0.00E+00	0.00E+00	4.00E-03	4.74E+05	3.80E+00
10/14/69	0.000	0.000	0.000	-0.004	0.00E+00	0.00E+00	4.00E-03	4.74E+05	3.80E+00
10/15/69	0.000	0.000	0.000	-0.004	0.00E+00	0.00E+00	4.00E-03	4.74E+05	3.80E+00
10/16/69	0.508	0.000	0.508	-0.004	0.00E+00	0.00E+00	4.00E-03	4.74E+05	3.80E+00
10/17/69	0.000	0.000	0.000	-0.004	0.00E+00	0.00E+00	4.00E-03	4.74E+05	3.80E+00
10/18/69	0.000	0.000	0.000	-0.004	0.00E+00	0.00E+00	4.00E-03	4.74E+05	3.80E+00
10/19/69	0.000	0.000	0.000	-0.004	0.00E+00	0.00E+00	4.00E-03	4.74E+05	3.80E+00
10/20/69	0.000	0.000	0.000	-0.004	0.00E+00	0.00E+00	4.00E-03	4.74E+05	3.80E+00
10/21/69	0.000	0.000	0.000	-0.004	0.00E+00	0.00E+00	4.00E-03	4.74E+05	3.80E+00
10/22/69	0.000	0.000	0.000	-0.004	0.00E+00	0.00E+00	4.00E-03	4.74E+05	3.80E+00
10/23/69	0.000	0.000	0.000	-0.004	0.00E+00	0.00E+00	4.00E-03	4.74E+05	3.80E+00
10/24/69	0.000	0.000	0.000	-0.004	0.00E+00	0.00E+00	4.00E-03	4.74E+05	3.80E+00
10/25/69	0.000	0.000	0.000	-0.004	0.00E+00	0.00E+00	4.00E-03	4.74E+05	3.80E+00
10/26/69	0.000	0.000	0.000	-0.004	0.00E+00	0.00E+00	4.00E-03	4.74E+05	3.80E+00
10/27/69	0.000	0.000	0.000	-0.004	0.00E+00	0.00E+00	4.00E-03	4.74E+05	3.80E+00
10/28/69	0.000	0.000	0.000	-0.004	0.00E+00	0.00E+00	4.00E-03	4.74E+05	3.80E+00
10/29/69	0.000	0.000	0.000	-0.004	0.00E+00	0.00E+00	4.00E-03	4.74E+05	3.80E+00
10/30/69	0.000	0.000	0.000	-0.004	0.00E+00	0.00E+00	4.00E-03	4.74E+05	3.80E+00
10/31/69	0.000	0.000	0.000	-0.004	0.00E+00	0.00E+00	4.00E-03	4.74E+05	3.80E+00

Table D-2. (continued).

Day	Precipitation (mm/day)	Runoff		SoilCover Infiltration <sup>a</sup> (mm/day)	Bio-Intrusion		Lateral Drainage		
		Runoff (mm/day)	Adjusted Precipitation (mm/day)		Volume Infiltrating (mm <sup>3</sup> /day)	Average Infiltration (mm/day)	Head on Clay (mm/day)	Drainage <sup>b</sup> , q' (mm <sup>2</sup> /day)	Average Drainage <sup>c</sup> (mm/day)
11/1/69	0.000	0.000	0.000	-0.004	0.00E+00	0.00E+00	4.00E-03	4.74E+05	3.80E+00
11/2/69	0.000	0.000	0.000	-0.004	0.00E+00	0.00E+00	4.00E-03	4.74E+05	3.80E+00
11/3/69	0.000	0.000	0.000	-0.004	0.00E+00	0.00E+00	4.00E-03	4.74E+05	3.80E+00
11/4/69	0.000	0.000	0.000	-0.004	0.00E+00	0.00E+00	4.00E-03	4.74E+05	3.80E+00
11/5/69	0.000	0.000	0.000	-0.004	0.00E+00	0.00E+00	4.00E-03	4.74E+05	3.80E+00
11/6/69	10.922	0.000	10.922	-0.004	0.00E+00	0.00E+00	4.00E-03	4.74E+05	3.80E+00
11/7/69	14.478	0.016	14.462	-0.004	0.00E+00	0.00E+00	4.00E-03	4.74E+05	3.80E+00
11/8/69	0.000	0.000	0.000	-0.004	0.00E+00	0.00E+00	4.00E-03	4.74E+05	3.80E+00
11/9/69	0.000	0.000	0.000	-0.004	0.00E+00	0.00E+00	4.00E-03	4.74E+05	3.80E+00
11/10/69	0.000	0.000	0.000	-0.004	0.00E+00	0.00E+00	4.00E-03	4.74E+05	3.80E+00
11/11/69	0.000	0.000	0.000	-0.004	0.00E+00	0.00E+00	4.00E-03	4.74E+05	3.80E+00
11/12/69	0.000	0.000	0.000	-0.004	0.00E+00	0.00E+00	4.00E-03	4.74E+05	3.80E+00
11/13/69	0.000	0.000	0.000	-0.004	0.00E+00	0.00E+00	4.00E-03	4.74E+05	3.80E+00
11/14/69	0.000	0.000	0.000	-0.004	0.00E+00	0.00E+00	4.00E-03	4.74E+05	3.80E+00
11/15/69	0.000	0.000	0.000	-0.004	0.00E+00	0.00E+00	4.00E-03	4.74E+05	3.80E+00
11/16/69	0.508	0.000	0.508	-0.004	0.00E+00	0.00E+00	4.00E-03	4.74E+05	3.80E+00
11/17/69	0.000	0.000	0.000	-0.004	0.00E+00	0.00E+00	4.00E-03	4.74E+05	3.80E+00
11/18/69	0.000	0.000	0.000	-0.004	0.00E+00	0.00E+00	4.00E-03	4.74E+05	3.80E+00
11/19/69	0.000	0.000	0.000	-0.004	0.00E+00	0.00E+00	4.00E-03	4.74E+05	3.80E+00
11/20/69	0.000	0.000	0.000	-0.003	0.00E+00	0.00E+00	3.00E-03	4.74E+05	3.80E+00
11/21/69	0.000	0.000	0.000	-0.003	0.00E+00	0.00E+00	3.00E-03	4.74E+05	3.80E+00
11/22/69	0.000	0.000	0.000	-0.003	0.00E+00	0.00E+00	3.00E-03	4.74E+05	3.80E+00
11/23/69	0.000	0.000	0.000	-0.003	0.00E+00	0.00E+00	3.00E-03	4.74E+05	3.80E+00
11/24/69	0.000	0.000	0.000	-0.003	0.00E+00	0.00E+00	3.00E-03	4.74E+05	3.80E+00
11/25/69	0.000	0.000	0.000	-0.003	0.00E+00	0.00E+00	3.00E-03	4.74E+05	3.80E+00
11/26/69	0.000	0.000	0.000	-0.003	0.00E+00	0.00E+00	3.00E-03	4.74E+05	3.80E+00
11/27/69	0.000	0.000	0.000	-0.003	0.00E+00	0.00E+00	3.00E-03	4.74E+05	3.80E+00
11/28/69	0.000	0.000	0.000	-0.003	0.00E+00	0.00E+00	3.00E-03	4.74E+05	3.80E+00
11/29/69	0.000	0.000	0.000	-0.003	0.00E+00	0.00E+00	3.00E-03	4.74E+05	3.80E+00
11/30/69	0.000	0.000	0.000	-0.003	0.00E+00	0.00E+00	3.00E-03	4.74E+05	3.80E+00
12/1/69	0.000	0.000	0.000	-0.003	0.00E+00	0.00E+00	3.00E-03	4.74E+05	3.80E+00
12/2/69	0.000	0.000	0.000	-0.003	0.00E+00	0.00E+00	3.00E-03	4.74E+05	3.80E+00
12/3/69	0.000	0.000	0.000	-0.003	0.00E+00	0.00E+00	3.00E-03	4.74E+05	3.80E+00
12/4/69	0.000	0.000	0.000	-0.003	0.00E+00	0.00E+00	3.00E-03	4.74E+05	3.80E+00
12/5/69	0.000	0.000	0.000	-0.003	0.00E+00	0.00E+00	3.00E-03	4.74E+05	3.80E+00
12/6/69	0.000	0.000	0.000	-0.003	0.00E+00	0.00E+00	3.00E-03	4.74E+05	3.80E+00
12/7/69	0.000	0.000	0.000	-0.003	0.00E+00	0.00E+00	3.00E-03	4.74E+05	3.80E+00
12/8/69	0.000	0.000	0.000	-0.003	0.00E+00	0.00E+00	3.00E-03	4.74E+05	3.80E+00
12/9/69	0.000	0.000	0.000	-0.003	0.00E+00	0.00E+00	3.00E-03	4.74E+05	3.80E+00
12/10/69	0.000	0.000	0.000	-0.003	0.00E+00	0.00E+00	3.00E-03	4.74E+05	3.80E+00
12/11/69	0.000	0.000	0.000	-0.003	0.00E+00	0.00E+00	3.00E-03	4.74E+05	3.80E+00
12/12/69	0.000	0.000	0.000	-0.003	0.00E+00	0.00E+00	3.00E-03	4.74E+05	3.80E+00

Table D-2. (continued).

Day	Precipitation (mm/day)	Runoff		SoilCover Infiltration <sup>a</sup> (mm/day)	Bio-Intrusion		Lateral Drainage		
		Runoff (mm/day)	Adjusted Precipitation (mm/day)		Volume Infiltrating (mm <sup>3</sup> /day)	Average Infiltration (mm/day)	Head on Clay (mm/day)	Drainage <sup>b</sup> , q' (mm <sup>2</sup> /day)	Average Drainage <sup>c</sup> (mm/day)
12/13/69	0.000	0.000	0.000	-0.003	0.00E+00	0.00E+00	3.00E-03	4.74E+05	3.80E+00
12/14/69	0.000	0.000	0.000	-0.003	0.00E+00	0.00E+00	3.00E-03	4.74E+05	3.80E+00
12/15/69	0.000	0.000	0.000	-0.003	0.00E+00	0.00E+00	3.00E-03	4.74E+05	3.80E+00
12/16/69	0.000	0.000	0.000	-0.003	0.00E+00	0.00E+00	3.00E-03	4.74E+05	3.80E+00
12/17/69	0.000	0.000	0.000	-0.003	0.00E+00	0.00E+00	3.00E-03	4.74E+05	3.80E+00
12/18/69	0.000	0.000	0.000	-0.003	0.00E+00	0.00E+00	3.00E-03	4.74E+05	3.80E+00
12/19/69	0.000	0.000	0.000	-0.003	0.00E+00	0.00E+00	3.00E-03	4.74E+05	3.80E+00
12/20/69	0.000	0.000	0.000	-0.003	0.00E+00	0.00E+00	3.00E-03	4.74E+05	3.80E+00
12/21/69	0.000	0.000	0.000	-0.003	0.00E+00	0.00E+00	3.00E-03	4.74E+05	3.80E+00
12/22/69	0.000	0.000	0.000	-0.003	0.00E+00	0.00E+00	3.00E-03	4.74E+05	3.80E+00
12/23/69	0.000	0.000	0.000	-0.003	0.00E+00	0.00E+00	3.00E-03	4.74E+05	3.80E+00
12/24/69	0.000	0.000	0.000	-0.003	0.00E+00	0.00E+00	3.00E-03	4.74E+05	3.80E+00
12/25/69	0.000	0.000	0.000	-0.003	0.00E+00	0.00E+00	3.00E-03	4.74E+05	3.80E+00
12/26/69	0.000	0.000	0.000	-0.003	0.00E+00	0.00E+00	3.00E-03	4.74E+05	3.80E+00
12/27/69	0.000	0.000	0.000	-0.003	0.00E+00	0.00E+00	3.00E-03	4.74E+05	3.80E+00
12/28/69	0.000	0.000	0.000	-0.003	0.00E+00	0.00E+00	3.00E-03	4.74E+05	3.80E+00
12/29/69	0.000	0.000	0.000	-0.003	0.00E+00	0.00E+00	3.00E-03	4.74E+05	3.80E+00
12/30/69	0.000	0.000	0.000	-0.003	0.00E+00	0.00E+00	3.00E-03	4.74E+05	3.80E+00
12/31/69	0.000	0.000	0.000	-0.003	0.00E+00	0.00E+00	3.00E-03	4.74E+05	3.80E+00
1/1/70	0.000	0.000	0.000	-0.003	0.00E+00	0.00E+00	3.00E-03	4.74E+05	3.80E+00
1/2/70	0.000	0.000	0.000	-0.003	0.00E+00	0.00E+00	3.00E-03	4.74E+05	3.80E+00
1/3/70	0.000	0.000	0.000	-0.003	0.00E+00	0.00E+00	3.00E-03	4.74E+05	3.80E+00
1/4/70	0.000	0.000	0.000	-0.003	0.00E+00	0.00E+00	3.00E-03	4.74E+05	3.80E+00
1/5/70	0.000	0.000	0.000	-0.003	0.00E+00	0.00E+00	3.00E-03	4.74E+05	3.80E+00
1/6/70	0.000	0.000	0.000	-0.003	0.00E+00	0.00E+00	3.00E-03	4.74E+05	3.80E+00
1/7/70	0.000	0.000	0.000	-0.003	0.00E+00	0.00E+00	3.00E-03	4.74E+05	3.80E+00
1/8/70	0.000	0.000	0.000	-0.003	0.00E+00	0.00E+00	3.00E-03	4.74E+05	3.80E+00
1/9/70	0.000	0.000	0.000	-0.003	0.00E+00	0.00E+00	3.00E-03	4.74E+05	3.80E+00
1/10/70	0.000	0.000	0.000	-0.003	0.00E+00	0.00E+00	3.00E-03	4.74E+05	3.80E+00
1/11/70	0.000	0.000	0.000	-0.003	0.00E+00	0.00E+00	3.00E-03	4.74E+05	3.80E+00
1/12/70	0.000	0.000	0.000	-0.003	0.00E+00	0.00E+00	3.00E-03	4.74E+05	3.80E+00
1/13/70	0.000	0.000	0.000	-0.003	0.00E+00	0.00E+00	3.00E-03	4.74E+05	3.80E+00
1/14/70	0.000	0.000	0.000	-0.003	0.00E+00	0.00E+00	3.00E-03	4.74E+05	3.80E+00
1/15/70	0.000	0.000	0.000	-0.003	0.00E+00	0.00E+00	3.00E-03	4.74E+05	3.80E+00
1/16/70	0.000	0.000	0.000	-0.003	0.00E+00	0.00E+00	3.00E-03	4.74E+05	3.80E+00
1/17/70	0.000	0.000	0.000	-0.003	0.00E+00	0.00E+00	3.00E-03	4.74E+05	3.80E+00
1/18/70	0.000	0.000	0.000	-0.003	0.00E+00	0.00E+00	3.00E-03	4.74E+05	3.80E+00
1/19/70	0.000	0.000	0.000	-0.003	0.00E+00	0.00E+00	3.00E-03	4.74E+05	3.80E+00
1/20/70	0.000	0.000	0.000	-0.003	0.00E+00	0.00E+00	3.00E-03	4.74E+05	3.80E+00
1/21/70	0.000	0.000	0.000	-0.003	0.00E+00	0.00E+00	3.00E-03	4.74E+05	3.80E+00
1/22/70	0.000	0.000	0.000	-0.003	0.00E+00	0.00E+00	3.00E-03	4.74E+05	3.80E+00
1/23/70	0.000	0.000	0.000	-0.003	0.00E+00	0.00E+00	3.00E-03	4.74E+05	3.80E+00

Table D-2. (continued).

Day	Precipitation (mm/day)	Runoff		SoilCover Infiltration <sup>a</sup> (mm/day)	Bio-Intrusion		Lateral Drainage		
		Runoff (mm/day)	Adjusted Precipitation (mm/day)		Volume Infiltrating (mm <sup>3</sup> /day)	Average Infiltration (mm/day)	Head on Clay (mm/day)	Drainage <sup>b</sup> , q' (mm <sup>2</sup> /day)	Average Drainage <sup>c</sup> (mm/day)
1/24/70	0.000	0.000	0.000	-0.003	0.00E+00	0.00E+00	3.00E-03	4.74E+05	3.80E+00
1/25/70	0.000	0.000	0.000	-0.003	0.00E+00	0.00E+00	3.00E-03	4.74E+05	3.80E+00
1/26/70	0.000	0.000	0.000	-0.003	0.00E+00	0.00E+00	3.00E-03	4.74E+05	3.80E+00
1/27/70	0.000	0.000	0.000	-0.003	0.00E+00	0.00E+00	3.00E-03	4.74E+05	3.80E+00
1/28/70	0.000	0.000	0.000	-0.003	0.00E+00	0.00E+00	3.00E-03	4.74E+05	3.80E+00
1/29/70	0.000	0.000	0.000	-0.003	0.00E+00	0.00E+00	3.00E-03	4.74E+05	3.80E+00
1/30/70	1.293	0.000	1.293	-0.003	0.00E+00	0.00E+00	3.00E-03	4.74E+05	3.80E+00
1/31/70	1.293	0.000	1.293	-0.003	0.00E+00	0.00E+00	3.00E-03	4.74E+05	3.80E+00
2/1/70	1.293	0.000	1.293	-0.003	0.00E+00	0.00E+00	3.00E-03	4.74E+05	3.80E+00
2/2/70	1.293	0.000	1.293	-0.003	0.00E+00	0.00E+00	3.00E-03	4.74E+05	3.80E+00
2/3/70	1.293	0.000	1.293	-0.003	0.00E+00	0.00E+00	3.00E-03	4.74E+05	3.80E+00
2/4/70	1.293	0.000	1.293	-0.003	0.00E+00	0.00E+00	3.00E-03	4.74E+05	3.80E+00
2/5/70	1.293	0.000	1.293	-0.003	0.00E+00	0.00E+00	3.00E-03	4.74E+05	3.80E+00
2/6/70	1.293	0.000	1.293	-0.003	0.00E+00	0.00E+00	3.00E-03	4.74E+05	3.80E+00
2/7/70	1.293	0.000	1.293	-0.003	0.00E+00	0.00E+00	3.00E-03	4.74E+05	3.80E+00
2/8/70	1.293	0.000	1.293	-0.003	0.00E+00	0.00E+00	3.00E-03	4.74E+05	3.80E+00
2/9/70	1.293	0.000	1.293	-0.003	0.00E+00	0.00E+00	3.00E-03	4.74E+05	3.80E+00
2/10/70	1.293	0.000	1.293	-0.003	0.00E+00	0.00E+00	3.00E-03	4.74E+05	3.80E+00
2/11/70	1.293	0.000	1.293	-0.003	0.00E+00	0.00E+00	3.00E-03	4.74E+05	3.80E+00
2/12/70	2.055	0.000	2.055	-0.003	0.00E+00	0.00E+00	3.00E-03	4.74E+05	3.80E+00
2/13/70	1.293	0.000	1.293	-0.003	0.00E+00	0.00E+00	3.00E-03	4.74E+05	3.80E+00
2/14/70	1.293	0.000	1.293	-0.003	0.00E+00	0.00E+00	3.00E-03	4.74E+05	3.80E+00
2/15/70	1.293	0.000	1.293	-0.003	0.00E+00	0.00E+00	3.00E-03	4.74E+05	3.80E+00
2/16/70	1.293	0.000	1.293	-0.003	0.00E+00	0.00E+00	3.00E-03	4.74E+05	3.80E+00
2/17/70	1.801	0.000	1.801	-0.003	0.00E+00	0.00E+00	3.00E-03	4.74E+05	3.80E+00
2/18/70	1.293	0.000	1.293	-0.003	0.00E+00	0.00E+00	3.00E-03	4.74E+05	3.80E+00
2/19/70	1.293	0.000	1.293	-0.003	0.00E+00	0.00E+00	3.00E-03	4.74E+05	3.80E+00
2/20/70	1.293	0.000	1.293	-0.003	0.00E+00	0.00E+00	3.00E-03	4.74E+05	3.80E+00
2/21/70	0.000	0.000	0.000	-0.003	0.00E+00	0.00E+00	3.00E-03	4.74E+05	3.80E+00
2/22/70	0.000	0.000	0.000	-0.003	0.00E+00	0.00E+00	3.00E-03	4.74E+05	3.80E+00
2/23/70	0.000	0.000	0.000	-0.003	0.00E+00	0.00E+00	3.00E-03	4.74E+05	3.80E+00
2/24/70	0.000	0.000	0.000	-0.003	0.00E+00	0.00E+00	3.00E-03	4.74E+05	3.80E+00
2/25/70	0.000	0.000	0.000	-0.003	0.00E+00	0.00E+00	3.00E-03	4.74E+05	3.80E+00
2/26/70	0.000	0.000	0.000	-0.003	0.00E+00	0.00E+00	3.00E-03	4.74E+05	3.80E+00
2/27/70	0.000	0.000	0.000	-0.003	0.00E+00	0.00E+00	3.00E-03	4.74E+05	3.80E+00
2/28/70	0.000	0.000	0.000	-0.003	0.00E+00	0.00E+00	3.00E-03	4.74E+05	3.80E+00
3/1/70	4.318	0.000	4.318	-0.003	0.00E+00	0.00E+00	3.00E-03	4.74E+05	3.80E+00
3/2/70	1.270	0.000	1.270	-0.003	0.00E+00	0.00E+00	3.00E-03	4.74E+05	3.80E+00
3/3/70	0.000	0.000	0.000	-0.004	0.00E+00	0.00E+00	4.00E-03	4.74E+05	3.80E+00
3/4/70	0.000	0.000	0.000	-0.004	0.00E+00	0.00E+00	4.00E-03	4.74E+05	3.80E+00
3/5/70	0.000	0.000	0.000	-0.004	0.00E+00	0.00E+00	4.00E-03	4.74E+05	3.80E+00
3/6/70	0.000	0.000	0.000	-0.004	0.00E+00	0.00E+00	4.00E-03	4.74E+05	3.80E+00

Table D-2. (continued).

Day	Precipitation (mm/day)	Runoff		SoilCover Infiltration <sup>a</sup> (mm/day)	Bio-Intrusion		Lateral Drainage		
		Runoff (mm/day)	Adjusted Precipitation (mm/day)		Volume Infiltrating (mm <sup>3</sup> /day)	Average Infiltration (mm/day)	Head on Clay (mm/day)	Drainage <sup>b</sup> , q' (mm <sup>2</sup> /day)	Average Drainage <sup>c</sup> (mm/day)
3/7/70	0.000	0.000	0.000	-0.004	0.00E+00	0.00E+00	4.00E-03	4.74E+05	3.80E+00
3/8/70	0.508	0.000	0.508	-0.004	0.00E+00	0.00E+00	4.00E-03	4.74E+05	3.80E+00
3/9/70	1.524	0.000	1.524	-0.004	0.00E+00	0.00E+00	4.00E-03	4.74E+05	3.80E+00
3/10/70	0.000	0.000	0.000	-0.004	0.00E+00	0.00E+00	4.00E-03	4.74E+05	3.80E+00
3/11/70	0.000	0.000	0.000	-0.004	0.00E+00	0.00E+00	4.00E-03	4.74E+05	3.80E+00
3/12/70	0.000	0.000	0.000	-0.004	0.00E+00	0.00E+00	4.00E-03	4.74E+05	3.80E+00
3/13/70	0.000	0.000	0.000	-0.004	0.00E+00	0.00E+00	4.00E-03	4.74E+05	3.80E+00
3/14/70	2.286	0.000	2.286	-0.004	0.00E+00	0.00E+00	4.00E-03	4.74E+05	3.80E+00
3/15/70	0.000	0.000	0.000	-0.004	0.00E+00	0.00E+00	4.00E-03	4.74E+05	3.80E+00
3/16/70	5.334	0.000	5.334	-0.004	0.00E+00	0.00E+00	4.00E-03	4.74E+05	3.80E+00
3/17/70	0.000	0.000	0.000	-0.004	0.00E+00	0.00E+00	4.00E-03	4.74E+05	3.80E+00
3/18/70	0.000	0.000	0.000	-0.004	0.00E+00	0.00E+00	4.00E-03	4.74E+05	3.80E+00
3/19/70	0.000	0.000	0.000	-0.004	0.00E+00	0.00E+00	4.00E-03	4.74E+05	3.80E+00
3/20/70	0.000	0.000	0.000	-0.004	0.00E+00	0.00E+00	4.00E-03	4.74E+05	3.80E+00
3/21/70	0.000	0.000	0.000	-0.004	0.00E+00	0.00E+00	4.00E-03	4.74E+05	3.80E+00
3/22/70	0.000	0.000	0.000	-0.004	0.00E+00	0.00E+00	4.00E-03	4.74E+05	3.80E+00
3/23/70	0.000	0.000	0.000	-0.004	0.00E+00	0.00E+00	4.00E-03	4.74E+05	3.80E+00
3/24/70	0.000	0.000	0.000	-0.004	0.00E+00	0.00E+00	4.00E-03	4.74E+05	3.80E+00
3/25/70	0.000	0.000	0.000	-0.004	0.00E+00	0.00E+00	4.00E-03	4.74E+05	3.80E+00
3/26/70	0.254	0.000	0.254	-0.004	0.00E+00	0.00E+00	4.00E-03	4.74E+05	3.80E+00
3/27/70	0.000	0.000	0.000	-0.004	0.00E+00	0.00E+00	4.00E-03	4.74E+05	3.80E+00
3/28/70	0.508	0.000	0.508	-0.004	0.00E+00	0.00E+00	4.00E-03	4.74E+05	3.80E+00
3/29/70	5.080	0.000	5.080	-0.004	0.00E+00	0.00E+00	4.00E-03	4.74E+05	3.80E+00
3/30/70	0.000	0.000	0.000	-0.004	0.00E+00	0.00E+00	4.00E-03	4.74E+05	3.80E+00
3/31/70	0.000	0.000	0.000	-0.004	0.00E+00	0.00E+00	4.00E-03	4.74E+05	3.80E+00
4/1/70	0.000	0.000	0.000	-0.004	0.00E+00	0.00E+00	4.00E-03	4.74E+05	3.80E+00
4/2/70	0.000	0.000	0.000	-0.004	0.00E+00	0.00E+00	4.00E-03	4.74E+05	3.80E+00
4/3/70	0.000	0.000	0.000	-0.004	0.00E+00	0.00E+00	4.00E-03	4.74E+05	3.80E+00
4/4/70	0.000	0.000	0.000	-0.004	0.00E+00	0.00E+00	4.00E-03	4.74E+05	3.80E+00
4/5/70	0.000	0.000	0.000	-0.004	0.00E+00	0.00E+00	4.00E-03	4.74E+05	3.80E+00
4/6/70	0.000	0.000	0.000	-0.004	0.00E+00	0.00E+00	4.00E-03	4.74E+05	3.80E+00
4/7/70	0.000	0.000	0.000	-0.004	0.00E+00	0.00E+00	4.00E-03	4.74E+05	3.80E+00
4/8/70	0.000	0.000	0.000	-0.004	0.00E+00	0.00E+00	4.00E-03	4.74E+05	3.80E+00
4/9/70	0.000	0.000	0.000	-0.004	0.00E+00	0.00E+00	4.00E-03	4.74E+05	3.80E+00
4/10/70	0.000	0.000	0.000	-0.004	0.00E+00	0.00E+00	4.00E-03	4.74E+05	3.80E+00
4/11/70	0.762	0.000	0.762	-0.004	0.00E+00	0.00E+00	4.00E-03	4.74E+05	3.80E+00
4/12/70	0.254	0.000	0.254	-0.004	0.00E+00	0.00E+00	4.00E-03	4.74E+05	3.80E+00
4/13/70	0.000	0.000	0.000	-0.004	0.00E+00	0.00E+00	4.00E-03	4.74E+05	3.80E+00
4/14/70	0.254	0.000	0.254	-0.004	0.00E+00	0.00E+00	4.00E-03	4.74E+05	3.80E+00
4/15/70	0.762	0.000	0.762	-0.004	0.00E+00	0.00E+00	4.00E-03	4.74E+05	3.80E+00
4/16/70	0.000	0.000	0.000	-0.004	0.00E+00	0.00E+00	4.00E-03	4.74E+05	3.80E+00
4/17/70	0.000	0.000	0.000	-0.004	0.00E+00	0.00E+00	4.00E-03	4.74E+05	3.80E+00

Table D-2. (continued).

Day	Precipitation (mm/day)	Runoff		SoilCover Infiltration <sup>a</sup> (mm/day)	Bio-Intrusion		Lateral Drainage		
		Runoff (mm/day)	Adjusted Precipitation (mm/day)		Volume Infiltrating (mm <sup>3</sup> /day)	Average Infiltration (mm/day)	Head on Clay (mm/day)	Drainage <sup>b</sup> , q' (mm <sup>2</sup> /day)	Average Drainage <sup>c</sup> (mm/day)
4/18/70	0.000	0.000	0.000	-0.004	0.00E+00	0.00E+00	4.00E-03	4.74E+05	3.80E+00
4/19/70	13.716	0.001	13.715	-0.004	0.00E+00	0.00E+00	4.00E-03	4.74E+05	3.80E+00
4/20/70	1.778	0.000	1.778	-0.004	0.00E+00	0.00E+00	4.00E-03	4.74E+05	3.80E+00
4/21/70	0.000	0.000	0.000	-0.004	0.00E+00	0.00E+00	4.00E-03	4.74E+05	3.80E+00
4/22/70	0.508	0.000	0.508	-0.004	0.00E+00	0.00E+00	4.00E-03	4.74E+05	3.80E+00
4/23/70	0.000	0.000	0.000	-0.004	0.00E+00	0.00E+00	4.00E-03	4.74E+05	3.80E+00
4/24/70	0.000	0.000	0.000	-0.004	0.00E+00	0.00E+00	4.00E-03	4.74E+05	3.80E+00
4/25/70	2.540	0.000	2.540	-0.004	0.00E+00	0.00E+00	4.00E-03	4.74E+05	3.80E+00
4/26/70	0.508	0.000	0.508	-0.004	0.00E+00	0.00E+00	4.00E-03	4.74E+05	3.80E+00
4/27/70	1.270	0.000	1.270	-0.004	0.00E+00	0.00E+00	4.00E-03	4.74E+05	3.80E+00
4/28/70	9.652	0.000	9.652	-0.004	0.00E+00	0.00E+00	4.00E-03	4.74E+05	3.80E+00
4/29/70	0.000	0.000	0.000	-0.004	0.00E+00	0.00E+00	4.00E-03	4.74E+05	3.80E+00
4/30/70	0.000	0.000	0.000	-0.004	0.00E+00	0.00E+00	4.00E-03	4.74E+05	3.80E+00
5/1/70	0.000	0.000	0.000	-0.004	0.00E+00	0.00E+00	4.00E-03	4.74E+05	3.80E+00
5/2/70	0.000	0.000	0.000	-0.004	0.00E+00	0.00E+00	4.00E-03	4.74E+05	3.80E+00
5/3/70	0.000	0.000	0.000	-0.004	0.00E+00	0.00E+00	4.00E-03	4.74E+05	3.80E+00
5/4/70	0.000	0.000	0.000	-0.004	0.00E+00	0.00E+00	4.00E-03	4.74E+05	3.80E+00
5/5/70	0.000	0.000	0.000	-0.004	0.00E+00	0.00E+00	4.00E-03	4.74E+05	3.80E+00
5/6/70	0.000	0.000	0.000	-0.004	0.00E+00	0.00E+00	4.00E-03	4.74E+05	3.80E+00
5/7/70	0.000	0.000	0.000	-0.004	0.00E+00	0.00E+00	4.00E-03	4.74E+05	3.80E+00
5/8/70	0.254	0.000	0.254	-0.004	0.00E+00	0.00E+00	4.00E-03	4.74E+05	3.80E+00
5/9/70	0.000	0.000	0.000	-0.004	0.00E+00	0.00E+00	4.00E-03	4.74E+05	3.80E+00
5/10/70	5.334	0.000	5.334	-0.004	0.00E+00	0.00E+00	4.00E-03	4.74E+05	3.80E+00
5/11/70	0.000	0.000	0.000	-0.004	0.00E+00	0.00E+00	4.00E-03	4.74E+05	3.80E+00
5/12/70	1.778	0.000	1.778	-0.004	0.00E+00	0.00E+00	4.00E-03	4.74E+05	3.80E+00
5/13/70	1.270	0.000	1.270	-0.004	0.00E+00	0.00E+00	4.00E-03	4.74E+05	3.80E+00
5/14/70	0.000	0.000	0.000	-0.004	0.00E+00	0.00E+00	4.00E-03	4.74E+05	3.80E+00
5/15/70	0.000	0.000	0.000	-0.004	0.00E+00	0.00E+00	4.00E-03	4.74E+05	3.80E+00
5/16/70	0.000	0.000	0.000	-0.004	0.00E+00	0.00E+00	4.00E-03	4.74E+05	3.80E+00
5/17/70	0.000	0.000	0.000	-0.004	0.00E+00	0.00E+00	4.00E-03	4.74E+05	3.80E+00
5/18/70	0.000	0.000	0.000	-0.004	0.00E+00	0.00E+00	4.00E-03	4.74E+05	3.80E+00
5/19/70	0.000	0.000	0.000	-0.004	0.00E+00	0.00E+00	4.00E-03	4.74E+05	3.80E+00
5/20/70	7.620	0.000	7.620	-0.004	0.00E+00	0.00E+00	4.00E-03	4.74E+05	3.80E+00
5/21/70	7.620	0.000	7.620	-0.004	0.00E+00	0.00E+00	4.00E-03	4.74E+05	3.80E+00
5/22/70	0.000	0.000	0.000	-0.004	0.00E+00	0.00E+00	4.00E-03	4.74E+05	3.80E+00
5/23/70	8.382	0.000	8.382	-0.004	0.00E+00	0.00E+00	4.00E-03	4.74E+05	3.80E+00
5/24/70	0.000	0.000	0.000	-0.004	0.00E+00	0.00E+00	4.00E-03	4.74E+05	3.80E+00
5/25/70	0.000	0.000	0.000	-0.004	0.00E+00	0.00E+00	4.00E-03	4.74E+05	3.80E+00
5/26/70	0.000	0.000	0.000	-0.004	0.00E+00	0.00E+00	4.00E-03	4.74E+05	3.80E+00
5/27/70	0.254	0.000	0.254	-0.004	0.00E+00	0.00E+00	4.00E-03	4.74E+05	3.80E+00
5/28/70	0.000	0.000	0.000	-0.004	0.00E+00	0.00E+00	4.00E-03	4.74E+05	3.80E+00
5/29/70	0.000	0.000	0.000	-0.004	0.00E+00	0.00E+00	4.00E-03	4.74E+05	3.80E+00

Table D-2. (continued).

Day	Precipitation (mm/day)	Runoff		SoilCover Infiltration <sup>a</sup> (mm/day)	Bio-Intrusion		Lateral Drainage		
		Runoff (mm/day)	Adjusted Precipitation (mm/day)		Volume Infiltrating (mm <sup>3</sup> /day)	Average Infiltration (mm/day)	Head on Clay (mm/day)	Drainage <sup>b</sup> , q <sup>c</sup> (mm <sup>3</sup> /day)	Average Drainage <sup>c</sup> (mm/day)
5/30/70	0.000	0.000	0.000	-0.005	0.00E+00	0.00E+00	5.00E-03	4.74E+05	3.80E+00
5/31/70	0.000	0.000	0.000	-0.005	0.00E+00	0.00E+00	5.00E-03	4.74E+05	3.80E+00
6/1/70	0.000	0.000	0.000	-0.005	0.00E+00	0.00E+00	5.00E-03	4.74E+05	3.80E+00
6/2/70	0.000	0.000	0.000	-0.005	0.00E+00	0.00E+00	5.00E-03	4.74E+05	3.80E+00
6/3/70	0.000	0.000	0.000	-0.005	0.00E+00	0.00E+00	5.00E-03	4.74E+05	3.80E+00
6/4/70	0.000	0.000	0.000	-0.005	0.00E+00	0.00E+00	5.00E-03	4.74E+05	3.80E+00
6/5/70	0.000	0.000	0.000	-0.005	0.00E+00	0.00E+00	5.00E-03	4.74E+05	3.80E+00
6/6/70	0.508	0.000	0.508	-0.005	0.00E+00	0.00E+00	5.00E-03	4.74E+05	3.80E+00
6/7/70	0.254	0.000	0.254	-0.005	0.00E+00	0.00E+00	5.00E-03	4.74E+05	3.80E+00
6/8/70	0.762	0.000	0.762	-0.005	0.00E+00	0.00E+00	5.00E-03	4.74E+05	3.80E+00
6/9/70	2.032	0.000	2.032	-0.005	0.00E+00	0.00E+00	5.00E-03	4.74E+05	3.80E+00
6/10/70	0.000	0.000	0.000	-0.005	0.00E+00	0.00E+00	5.00E-03	4.74E+05	3.80E+00
6/11/70	0.000	0.000	0.000	-0.005	0.00E+00	0.00E+00	5.00E-03	4.74E+05	3.80E+00
6/12/70	4.318	0.000	4.318	-0.005	0.00E+00	0.00E+00	5.00E-03	4.74E+05	3.80E+00
6/13/70	7.366	0.000	7.366	-0.005	0.00E+00	0.00E+00	5.00E-03	4.74E+05	3.80E+00
6/14/70	2.540	0.000	2.540	-0.005	0.00E+00	0.00E+00	5.00E-03	4.74E+05	3.80E+00
6/15/70	3.302	0.000	3.302	-0.005	0.00E+00	0.00E+00	5.00E-03	4.74E+05	3.80E+00
6/16/70	0.000	0.000	0.000	-0.005	0.00E+00	0.00E+00	5.00E-03	4.74E+05	3.80E+00
6/17/70	0.254	0.000	0.254	-0.005	0.00E+00	0.00E+00	5.00E-03	4.74E+05	3.80E+00
6/18/70	0.000	0.000	0.000	-0.005	0.00E+00	0.00E+00	5.00E-03	4.74E+05	3.80E+00
6/19/70	0.000	0.000	0.000	-0.005	0.00E+00	0.00E+00	5.00E-03	4.74E+05	3.80E+00
6/20/70	0.000	0.000	0.000	-0.005	0.00E+00	0.00E+00	5.00E-03	4.74E+05	3.80E+00
6/21/70	0.000	0.000	0.000	-0.005	0.00E+00	0.00E+00	5.00E-03	4.74E+05	3.80E+00
6/22/70	0.000	0.000	0.000	-0.005	0.00E+00	0.00E+00	5.00E-03	4.74E+05	3.80E+00
6/23/70	0.000	0.000	0.000	-0.005	0.00E+00	0.00E+00	5.00E-03	4.74E+05	3.80E+00
6/24/70	0.000	0.000	0.000	-0.005	0.00E+00	0.00E+00	5.00E-03	4.74E+05	3.80E+00
6/25/70	0.000	0.000	0.000	-0.005	0.00E+00	0.00E+00	5.00E-03	4.74E+05	3.80E+00
6/26/70	0.000	0.000	0.000	-0.005	0.00E+00	0.00E+00	5.00E-03	4.74E+05	3.80E+00
6/27/70	1.524	0.000	1.524	-0.005	0.00E+00	0.00E+00	5.00E-03	4.74E+05	3.80E+00
6/28/70	0.000	0.000	0.000	-0.005	0.00E+00	0.00E+00	5.00E-03	4.74E+05	3.80E+00
6/29/70	0.762	0.000	0.762	-0.005	0.00E+00	0.00E+00	5.00E-03	4.74E+05	3.80E+00
6/30/70	1.016	0.000	1.016	-0.005	0.00E+00	0.00E+00	5.00E-03	4.74E+05	3.80E+00
7/1/70	0.000	0.000	0.000	-0.005	0.00E+00	0.00E+00	5.00E-03	4.74E+05	3.80E+00
7/2/70	0.000	0.000	0.000	-0.005	0.00E+00	0.00E+00	5.00E-03	4.74E+05	3.80E+00
7/3/70	0.000	0.000	0.000	-0.006	0.00E+00	0.00E+00	6.00E-03	4.74E+05	3.80E+00
7/4/70	0.000	0.000	0.000	-0.006	0.00E+00	0.00E+00	6.00E-03	4.74E+05	3.80E+00
7/5/70	0.000	0.000	0.000	-0.006	0.00E+00	0.00E+00	6.00E-03	4.74E+05	3.80E+00
7/6/70	0.000	0.000	0.000	-0.005	0.00E+00	0.00E+00	5.00E-03	4.74E+05	3.80E+00
7/7/70	0.000	0.000	0.000	-0.006	0.00E+00	0.00E+00	6.00E-03	4.74E+05	3.80E+00
7/8/70	0.000	0.000	0.000	-0.006	0.00E+00	0.00E+00	6.00E-03	4.74E+05	3.80E+00
7/9/70	0.000	0.000	0.000	-0.006	0.00E+00	0.00E+00	6.00E-03	4.74E+05	3.80E+00
7/10/70	1.016	0.000	1.016	-0.006	0.00E+00	0.00E+00	6.00E-03	4.74E+05	3.80E+00

Table D-2. (continued).

Day	Precipitation (mm/day)	Runoff		SoilCover Infiltration <sup>a</sup> (mm/day)	Bio-Intrusion		Lateral Drainage		
		Runoff (mm/day)	Adjusted Precipitation (mm/day)		Volume Infiltrating (mm <sup>3</sup> /day)	Average Infiltration (mm/day)	Head on Clay (mm/day)	Drainage <sup>b</sup> , q' (mm <sup>2</sup> /day)	Average Drainage <sup>c</sup> (mm/day)
7/11/70	10.160	0.000	10.160	-0.006	0.00E+00	0.00E+00	6.00E-03	4.74E+05	3.80E+00
7/12/70	0.000	0.000	0.000	-0.006	0.00E+00	0.00E+00	6.00E-03	4.74E+05	3.80E+00
7/13/70	0.762	0.000	0.762	-0.006	0.00E+00	0.00E+00	6.00E-03	4.74E+05	3.80E+00
7/14/70	0.000	0.000	0.000	-0.006	0.00E+00	0.00E+00	6.00E-03	4.74E+05	3.80E+00
7/15/70	0.000	0.000	0.000	-0.006	0.00E+00	0.00E+00	6.00E-03	4.74E+05	3.80E+00
7/16/70	0.000	0.000	0.000	-0.006	0.00E+00	0.00E+00	6.00E-03	4.74E+05	3.80E+00
7/17/70	0.000	0.000	0.000	-0.006	0.00E+00	0.00E+00	6.00E-03	4.74E+05	3.80E+00
7/18/70	0.000	0.000	0.000	-0.006	0.00E+00	0.00E+00	6.00E-03	4.74E+05	3.80E+00
7/19/70	0.000	0.000	0.000	-0.006	0.00E+00	0.00E+00	6.00E-03	4.74E+05	3.80E+00
7/20/70	0.000	0.000	0.000	-0.006	0.00E+00	0.00E+00	6.00E-03	4.74E+05	3.80E+00
7/21/70	0.508	0.000	0.508	-0.006	0.00E+00	0.00E+00	6.00E-03	4.74E+05	3.80E+00
7/22/70	0.254	0.000	0.254	-0.006	0.00E+00	0.00E+00	6.00E-03	4.74E+05	3.80E+00
7/23/70	0.000	0.000	0.000	-0.006	0.00E+00	0.00E+00	6.00E-03	4.74E+05	3.80E+00
7/24/70	0.000	0.000	0.000	-0.006	0.00E+00	0.00E+00	6.00E-03	4.74E+05	3.80E+00
7/25/70	0.000	0.000	0.000	-0.006	0.00E+00	0.00E+00	6.00E-03	4.74E+05	3.80E+00
7/26/70	0.000	0.000	0.000	-0.006	0.00E+00	0.00E+00	6.00E-03	4.74E+05	3.80E+00
7/27/70	0.254	0.000	0.254	-0.006	0.00E+00	0.00E+00	6.00E-03	4.74E+05	3.80E+00
7/28/70	0.000	0.000	0.000	-0.006	0.00E+00	0.00E+00	6.00E-03	4.74E+05	3.80E+00
7/29/70	0.000	0.000	0.000	-0.006	0.00E+00	0.00E+00	6.00E-03	4.74E+05	3.80E+00
7/30/70	0.000	0.000	0.000	-0.006	0.00E+00	0.00E+00	6.00E-03	4.74E+05	3.80E+00
7/31/70	0.000	0.000	0.000	-0.006	0.00E+00	0.00E+00	6.00E-03	4.74E+05	3.80E+00
8/1/70	0.000	0.000	0.000	-0.006	0.00E+00	0.00E+00	6.00E-03	4.74E+05	3.80E+00
8/2/70	0.000	0.000	0.000	-0.006	0.00E+00	0.00E+00	6.00E-03	4.74E+05	3.80E+00
8/3/70	0.000	0.000	0.000	-0.006	0.00E+00	0.00E+00	6.00E-03	4.74E+05	3.80E+00
8/4/70	0.000	0.000	0.000	-0.006	0.00E+00	0.00E+00	6.00E-03	4.74E+05	3.80E+00
8/5/70	2.286	0.000	2.286	-0.006	0.00E+00	0.00E+00	6.00E-03	4.74E+05	3.80E+00
8/6/70	0.000	0.000	0.000	-0.006	0.00E+00	0.00E+00	6.00E-03	4.74E+05	3.80E+00
8/7/70	0.000	0.000	0.000	-0.006	0.00E+00	0.00E+00	6.00E-03	4.74E+05	3.80E+00
8/8/70	0.000	0.000	0.000	-0.006	0.00E+00	0.00E+00	6.00E-03	4.74E+05	3.80E+00
8/9/70	0.000	0.000	0.000	-0.006	0.00E+00	0.00E+00	6.00E-03	4.74E+05	3.80E+00
8/10/70	0.000	0.000	0.000	-0.006	0.00E+00	0.00E+00	6.00E-03	4.74E+05	3.80E+00
8/11/70	0.000	0.000	0.000	-0.006	0.00E+00	0.00E+00	6.00E-03	4.74E+05	3.80E+00
8/12/70	0.000	0.000	0.000	-0.006	0.00E+00	0.00E+00	6.00E-03	4.74E+05	3.80E+00
8/13/70	0.000	0.000	0.000	-0.006	0.00E+00	0.00E+00	6.00E-03	4.74E+05	3.80E+00
8/14/70	0.000	0.000	0.000	-0.006	0.00E+00	0.00E+00	6.00E-03	4.74E+05	3.80E+00
8/15/70	0.000	0.000	0.000	-0.006	0.00E+00	0.00E+00	6.00E-03	4.74E+05	3.80E+00
8/16/70	0.000	0.000	0.000	-0.006	0.00E+00	0.00E+00	6.00E-03	4.74E+05	3.80E+00
8/17/70	0.000	0.000	0.000	-0.006	0.00E+00	0.00E+00	6.00E-03	4.74E+05	3.80E+00
8/18/70	0.000	0.000	0.000	-0.006	0.00E+00	0.00E+00	6.00E-03	4.74E+05	3.80E+00
8/19/70	0.000	0.000	0.000	-0.006	0.00E+00	0.00E+00	6.00E-03	4.74E+05	3.80E+00
8/20/70	0.000	0.000	0.000	-0.006	0.00E+00	0.00E+00	6.00E-03	4.74E+05	3.80E+00
8/21/70	0.000	0.000	0.000	-0.006	0.00E+00	0.00E+00	6.00E-03	4.74E+05	3.80E+00

Table D-2. (continued).

Day	Precipitation (mm/day)	Runoff		SoilCover Infiltration <sup>a</sup> (mm/day)	Bio-Intrusion		Lateral Drainage		
		Runoff (mm/day)	Adjusted Precipitation (mm/day)		Volume Infiltrating (mm <sup>3</sup> /day)	Average Infiltration (mm/day)	Head on Clay (mm/day)	Drainage <sup>b</sup> , q' (mm <sup>2</sup> /day)	Average Drainage <sup>c</sup> (mm/day)
8/22/70	0.000	0.000	0.000	-0.005	0.00E+00	0.00E+00	5.00E-03	4.74E+05	3.80E+00
8/23/70	0.000	0.000	0.000	-0.005	0.00E+00	0.00E+00	5.00E-03	4.74E+05	3.80E+00
8/24/70	0.000	0.000	0.000	-0.005	0.00E+00	0.00E+00	5.00E-03	4.74E+05	3.80E+00
8/25/70	0.000	0.000	0.000	-0.005	0.00E+00	0.00E+00	5.00E-03	4.74E+05	3.80E+00
8/26/70	0.762	0.000	0.762	-0.006	0.00E+00	0.00E+00	6.00E-03	4.74E+05	3.80E+00
8/27/70	2.286	0.000	2.286	-0.006	0.00E+00	0.00E+00	6.00E-03	4.74E+05	3.80E+00
8/28/70	0.000	0.000	0.000	-0.006	0.00E+00	0.00E+00	6.00E-03	4.74E+05	3.80E+00
8/29/70	0.000	0.000	0.000	-0.006	0.00E+00	0.00E+00	6.00E-03	4.74E+05	3.80E+00
8/30/70	4.826	0.000	4.826	-0.006	0.00E+00	0.00E+00	6.00E-03	4.74E+05	3.80E+00
8/31/70	2.540	0.000	2.540	-0.006	0.00E+00	0.00E+00	6.00E-03	4.74E+05	3.80E+00
9/1/70	1.016	0.000	1.016	-0.006	0.00E+00	0.00E+00	6.00E-03	4.74E+05	3.80E+00
9/2/70	0.000	0.000	0.000	-0.006	0.00E+00	0.00E+00	6.00E-03	4.74E+05	3.80E+00
9/3/70	0.000	0.000	0.000	-0.006	0.00E+00	0.00E+00	6.00E-03	4.74E+05	3.80E+00
9/4/70	0.000	0.000	0.000	-0.006	0.00E+00	0.00E+00	6.00E-03	4.74E+05	3.80E+00
9/5/70	3.048	0.000	3.048	-0.006	0.00E+00	0.00E+00	6.00E-03	4.74E+05	3.80E+00
9/6/70	3.048	0.000	3.048	-0.005	0.00E+00	0.00E+00	5.00E-03	4.74E+05	3.80E+00
9/7/70	0.000	0.000	0.000	-0.005	0.00E+00	0.00E+00	5.00E-03	4.74E+05	3.80E+00
9/8/70	0.000	0.000	0.000	-0.005	0.00E+00	0.00E+00	5.00E-03	4.74E+05	3.80E+00
9/9/70	0.000	0.000	0.000	-0.005	0.00E+00	0.00E+00	5.00E-03	4.74E+05	3.80E+00
9/10/70	0.000	0.000	0.000	-0.005	0.00E+00	0.00E+00	5.00E-03	4.74E+05	3.80E+00
9/11/70	0.000	0.000	0.000	-0.005	0.00E+00	0.00E+00	5.00E-03	4.74E+05	3.80E+00
9/12/70	0.000	0.000	0.000	-0.005	0.00E+00	0.00E+00	5.00E-03	4.74E+05	3.80E+00
9/13/70	2.794	0.000	2.794	-0.005	0.00E+00	0.00E+00	5.00E-03	4.74E+05	3.80E+00
9/14/70	0.000	0.000	0.000	-0.005	0.00E+00	0.00E+00	5.00E-03	4.74E+05	3.80E+00
9/15/70	0.000	0.000	0.000	-0.005	0.00E+00	0.00E+00	5.00E-03	4.74E+05	3.80E+00
9/16/70	0.000	0.000	0.000	-0.005	0.00E+00	0.00E+00	5.00E-03	4.74E+05	3.80E+00
9/17/70	0.000	0.000	0.000	-0.005	0.00E+00	0.00E+00	5.00E-03	4.74E+05	3.80E+00
9/18/70	0.000	0.000	0.000	-0.004	0.00E+00	0.00E+00	4.00E-03	4.74E+05	3.80E+00
9/19/70	3.302	0.000	3.302	-0.004	0.00E+00	0.00E+00	4.00E-03	4.74E+05	3.80E+00
9/20/70	0.000	0.000	0.000	-0.004	0.00E+00	0.00E+00	4.00E-03	4.74E+05	3.80E+00
9/21/70	0.254	0.000	0.254	-0.004	0.00E+00	0.00E+00	4.00E-03	4.74E+05	3.80E+00
9/22/70	0.000	0.000	0.000	-0.004	0.00E+00	0.00E+00	4.00E-03	4.74E+05	3.80E+00
9/23/70	0.000	0.000	0.000	-0.004	0.00E+00	0.00E+00	4.00E-03	4.74E+05	3.80E+00
9/24/70	0.000	0.000	0.000	-0.004	0.00E+00	0.00E+00	4.00E-03	4.74E+05	3.80E+00
9/25/70	0.000	0.000	0.000	-0.004	0.00E+00	0.00E+00	4.00E-03	4.74E+05	3.80E+00
9/26/70	0.000	0.000	0.000	-0.004	0.00E+00	0.00E+00	4.00E-03	4.74E+05	3.80E+00
9/27/70	0.000	0.000	0.000	-0.004	0.00E+00	0.00E+00	4.00E-03	4.74E+05	3.80E+00
9/28/70	0.000	0.000	0.000	-0.004	0.00E+00	0.00E+00	4.00E-03	4.74E+05	3.80E+00
9/29/70	0.000	0.000	0.000	-0.004	0.00E+00	0.00E+00	4.00E-03	4.74E+05	3.80E+00
9/30/70	0.000	0.000	0.000	-0.004	0.00E+00	0.00E+00	4.00E-03	4.74E+05	3.80E+00
10/1/70	0.000	0.000	0.000	-0.004	0.00E+00	0.00E+00	4.00E-03	4.74E+05	3.80E+00
10/2/70	0.000	0.000	0.000	-0.004	0.00E+00	0.00E+00	4.00E-03	4.74E+05	3.80E+00

Table D-2. (continued).

Day	Precipitation (mm/day)	Runoff		SoilCover Infiltration <sup>a</sup> (mm/day)	Bio-Intrusion		Lateral Drainage		
		Runoff (mm/day)	Adjusted Precipitation (mm/day)		Volume Infiltrating (mm <sup>3</sup> /day)	Average Infiltration (mm/day)	Head on Clay (mm/day)	Drainage <sup>b</sup> , q' (mm <sup>2</sup> /day)	Average Drainage <sup>c</sup> (mm/day)
10/3/70	0.000	0.000	0.000	-0.004	0.00E+00	0.00E+00	4.00E-03	4.74E+05	3.80E+00
10/4/70	0.000	0.000	0.000	-0.004	0.00E+00	0.00E+00	4.00E-03	4.74E+05	3.80E+00
10/5/70	0.000	0.000	0.000	-0.004	0.00E+00	0.00E+00	4.00E-03	4.74E+05	3.80E+00
10/6/70	0.000	0.000	0.000	-0.004	0.00E+00	0.00E+00	4.00E-03	4.74E+05	3.80E+00
10/7/70	0.000	0.000	0.000	-0.004	0.00E+00	0.00E+00	4.00E-03	4.74E+05	3.80E+00
10/8/70	0.000	0.000	0.000	-0.004	0.00E+00	0.00E+00	4.00E-03	4.74E+05	3.80E+00
10/9/70	0.000	0.000	0.000	-0.004	0.00E+00	0.00E+00	4.00E-03	4.74E+05	3.80E+00
10/10/70	0.000	0.000	0.000	-0.004	0.00E+00	0.00E+00	4.00E-03	4.74E+05	3.80E+00
10/11/70	0.000	0.000	0.000	-0.004	0.00E+00	0.00E+00	4.00E-03	4.74E+05	3.80E+00
10/12/70	0.000	0.000	0.000	-0.004	0.00E+00	0.00E+00	4.00E-03	4.74E+05	3.80E+00
10/13/70	0.000	0.000	0.000	-0.003	0.00E+00	0.00E+00	3.00E-03	4.74E+05	3.80E+00
10/14/70	0.000	0.000	0.000	-0.003	0.00E+00	0.00E+00	3.00E-03	4.74E+05	3.80E+00
10/15/70	0.000	0.000	0.000	-0.003	0.00E+00	0.00E+00	3.00E-03	4.74E+05	3.80E+00
10/16/70	0.000	0.000	0.000	-0.003	0.00E+00	0.00E+00	3.00E-03	4.74E+05	3.80E+00
10/17/70	0.000	0.000	0.000	-0.003	0.00E+00	0.00E+00	3.00E-03	4.74E+05	3.80E+00
10/18/70	0.000	0.000	0.000	-0.003	0.00E+00	0.00E+00	3.00E-03	4.74E+05	3.80E+00
10/19/70	0.000	0.000	0.000	-0.003	0.00E+00	0.00E+00	3.00E-03	4.74E+05	3.80E+00
10/20/70	0.000	0.000	0.000	-0.003	0.00E+00	0.00E+00	3.00E-03	4.74E+05	3.80E+00
10/21/70	0.000	0.000	0.000	-0.003	0.00E+00	0.00E+00	3.00E-03	4.74E+05	3.80E+00
10/22/70	0.000	0.000	0.000	-0.003	0.00E+00	0.00E+00	3.00E-03	4.74E+05	3.80E+00
10/23/70	8.382	0.000	8.382	-0.003	0.00E+00	0.00E+00	3.00E-03	4.74E+05	3.80E+00
10/24/70	0.254	0.000	0.254	-0.003	0.00E+00	0.00E+00	3.00E-03	4.74E+05	3.80E+00
10/25/70	0.000	0.000	0.000	-0.003	0.00E+00	0.00E+00	3.00E-03	4.74E+05	3.80E+00
10/26/70	0.254	0.000	0.254	-0.003	0.00E+00	0.00E+00	3.00E-03	4.74E+05	3.80E+00
10/27/70	0.000	0.000	0.000	-0.003	0.00E+00	0.00E+00	3.00E-03	4.74E+05	3.80E+00
10/28/70	0.000	0.000	0.000	-0.003	0.00E+00	0.00E+00	3.00E-03	4.74E+05	3.80E+00
10/29/70	0.000	0.000	0.000	-0.003	0.00E+00	0.00E+00	3.00E-03	4.74E+05	3.80E+00
10/30/70	0.000	0.000	0.000	-0.003	0.00E+00	0.00E+00	3.00E-03	4.74E+05	3.80E+00
10/31/70	0.000	0.000	0.000	-0.003	0.00E+00	0.00E+00	3.00E-03	4.74E+05	3.80E+00
11/1/70	0.000	0.000	0.000	-0.003	0.00E+00	0.00E+00	3.00E-03	4.74E+05	3.80E+00
11/2/70	0.000	0.000	0.000	-0.003	0.00E+00	0.00E+00	3.00E-03	4.74E+05	3.80E+00
11/3/70	0.000	0.000	0.000	-0.003	0.00E+00	0.00E+00	3.00E-03	4.74E+05	3.80E+00
11/4/70	0.000	0.000	0.000	-0.002	0.00E+00	0.00E+00	2.00E-03	4.74E+05	3.80E+00
11/5/70	3.048	0.000	3.048	-0.002	0.00E+00	0.00E+00	2.00E-03	4.74E+05	3.80E+00
11/6/70	0.000	0.000	0.000	-0.002	0.00E+00	0.00E+00	2.00E-03	4.74E+05	3.80E+00
11/7/70	0.000	0.000	0.000	-0.002	0.00E+00	0.00E+00	2.00E-03	4.74E+05	3.80E+00
11/8/70	0.000	0.000	0.000	-0.002	0.00E+00	0.00E+00	2.00E-03	4.74E+05	3.80E+00
11/9/70	5.334	0.000	5.334	-0.002	0.00E+00	0.00E+00	2.00E-03	4.74E+05	3.80E+00
11/10/70	0.000	0.000	0.000	-0.002	0.00E+00	0.00E+00	2.00E-03	4.74E+05	3.80E+00
11/11/70	2.032	0.000	2.032	-0.002	0.00E+00	0.00E+00	2.00E-03	4.74E+05	3.80E+00
11/12/70	0.000	0.000	0.000	-0.002	0.00E+00	0.00E+00	2.00E-03	4.74E+05	3.80E+00
11/13/70	0.000	0.000	0.000	-0.002	0.00E+00	0.00E+00	2.00E-03	4.74E+05	3.80E+00

Table D-2. (continued).

Day	Precipitation (mm/day)	Runoff		SoilCover Infiltration <sup>a</sup> (mm/day)	Bio-Intrusion		Lateral Drainage		
		Runoff (mm/day)	Adjusted Precipitation (mm/day)		Volume Infiltrating (mm <sup>3</sup> /day)	Average Infiltration (mm/day)	Head on Clay (mm/day)	Drainage <sup>b</sup> , q' (mm <sup>2</sup> /day)	Average Drainage <sup>c</sup> (mm/day)
11/14/70	0.000	0.000	0.000	-0.002	0.00E+00	0.00E+00	2.00E-03	4.74E+05	3.80E+00
11/15/70	0.000	0.000	0.000	-0.002	0.00E+00	0.00E+00	2.00E-03	4.74E+05	3.80E+00
11/16/70	0.000	0.000	0.000	-0.002	0.00E+00	0.00E+00	2.00E-03	4.74E+05	3.80E+00
11/17/70	0.000	0.000	0.000	-0.002	0.00E+00	0.00E+00	2.00E-03	4.74E+05	3.80E+00
11/18/70	0.000	0.000	0.000	-0.002	0.00E+00	0.00E+00	2.00E-03	4.74E+05	3.80E+00
11/19/70	0.000	0.000	0.000	-0.002	0.00E+00	0.00E+00	2.00E-03	4.74E+05	3.80E+00
11/20/70	0.000	0.000	0.000	-0.002	0.00E+00	0.00E+00	2.00E-03	4.74E+05	3.80E+00
11/21/70	0.000	0.000	0.000	-0.002	0.00E+00	0.00E+00	2.00E-03	4.74E+05	3.80E+00
11/22/70	0.000	0.000	0.000	-0.002	0.00E+00	0.00E+00	2.00E-03	4.74E+05	3.80E+00
11/23/70	0.508	0.000	0.508	-0.002	0.00E+00	0.00E+00	2.00E-03	4.74E+05	3.80E+00
11/24/70	2.540	0.000	2.540	-0.002	0.00E+00	0.00E+00	2.00E-03	4.74E+05	3.80E+00
11/25/70	0.508	0.000	0.508	-0.002	0.00E+00	0.00E+00	2.00E-03	4.74E+05	3.80E+00
11/26/70	0.000	0.000	0.000	-0.002	0.00E+00	0.00E+00	2.00E-03	4.74E+05	3.80E+00
11/27/70	0.000	0.000	0.000	-0.002	0.00E+00	0.00E+00	2.00E-03	4.74E+05	3.80E+00
11/28/70	0.000	0.000	0.000	-0.002	0.00E+00	0.00E+00	2.00E-03	4.74E+05	3.80E+00
11/29/70	0.000	0.000	0.000	-0.002	0.00E+00	0.00E+00	2.00E-03	4.74E+05	3.80E+00
11/30/70	0.000	0.000	0.000	-0.002	0.00E+00	0.00E+00	2.00E-03	4.74E+05	3.80E+00
12/1/70	0.000	0.000	0.000	-0.002	0.00E+00	0.00E+00	2.00E-03	4.74E+05	3.80E+00
12/2/70	0.000	0.000	0.000	-0.002	0.00E+00	0.00E+00	2.00E-03	4.74E+05	3.80E+00
12/3/70	0.000	0.000	0.000	-0.002	0.00E+00	0.00E+00	2.00E-03	4.74E+05	3.80E+00
12/4/70	0.000	0.000	0.000	-0.002	0.00E+00	0.00E+00	2.00E-03	4.74E+05	3.80E+00
12/5/70	0.000	0.000	0.000	-0.002	0.00E+00	0.00E+00	2.00E-03	4.74E+05	3.80E+00
12/6/70	0.000	0.000	0.000	-0.002	0.00E+00	0.00E+00	2.00E-03	4.74E+05	3.80E+00
12/7/70	0.000	0.000	0.000	-0.002	0.00E+00	0.00E+00	2.00E-03	4.74E+05	3.80E+00
12/8/70	0.000	0.000	0.000	-0.002	0.00E+00	0.00E+00	2.00E-03	4.74E+05	3.80E+00
12/9/70	0.000	0.000	0.000	-0.002	0.00E+00	0.00E+00	2.00E-03	4.74E+05	3.80E+00
12/10/70	0.000	0.000	0.000	-0.002	0.00E+00	0.00E+00	2.00E-03	4.74E+05	3.80E+00
12/11/70	0.000	0.000	0.000	-0.002	0.00E+00	0.00E+00	2.00E-03	4.74E+05	3.80E+00
12/12/70	0.000	0.000	0.000	-0.002	0.00E+00	0.00E+00	2.00E-03	4.74E+05	3.80E+00
12/13/70	0.000	0.000	0.000	-0.002	0.00E+00	0.00E+00	2.00E-03	4.74E+05	3.80E+00
12/14/70	0.000	0.000	0.000	-0.002	0.00E+00	0.00E+00	2.00E-03	4.74E+05	3.80E+00
12/15/70	0.000	0.000	0.000	-0.002	0.00E+00	0.00E+00	2.00E-03	4.74E+05	3.80E+00
12/16/70	0.000	0.000	0.000	-0.002	0.00E+00	0.00E+00	2.00E-03	4.74E+05	3.80E+00
12/17/70	0.000	0.000	0.000	-0.002	0.00E+00	0.00E+00	2.00E-03	4.74E+05	3.80E+00
12/18/70	0.000	0.000	0.000	-0.002	0.00E+00	0.00E+00	2.00E-03	4.74E+05	3.80E+00
12/19/70	0.000	0.000	0.000	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
12/20/70	0.000	0.000	0.000	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
12/21/70	0.000	0.000	0.000	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
12/22/70	0.000	0.000	0.000	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
12/23/70	0.000	0.000	0.000	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
12/24/70	0.000	0.000	0.000	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
12/25/70	0.000	0.000	0.000	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00

Table D-2. (continued).

Day	Precipitation (mm/day)	Runoff		SoilCover Infiltration <sup>a</sup> (mm/day)	Bio-Intrusion		Lateral Drainage		
		Runoff (mm/day)	Adjusted Precipitation (mm/day)		Volume Infiltrating (mm <sup>3</sup> /day)	Average Infiltration (mm/day)	Head on Clay (mm/day)	Drainage <sup>b</sup> , q <sup>c</sup> (mm <sup>2</sup> /day)	Average Drainage <sup>c</sup> (mm/day)
12/26/70	0.000	0.000	0.000	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
12/27/70	0.000	0.000	0.000	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
12/28/70	0.000	0.000	0.000	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
12/29/70	0.000	0.000	0.000	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
12/30/70	0.000	0.000	0.000	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
12/31/70	0.000	0.000	0.000	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
1/1/71	0.000	0.000	0.000	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
1/2/71	0.000	0.000	0.000	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
1/3/71	0.000	0.000	0.000	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
1/4/71	0.000	0.000	0.000	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
1/5/71	0.000	0.000	0.000	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
1/6/71	0.000	0.000	0.000	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
1/7/71	0.000	0.000	0.000	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
1/8/71	0.000	0.000	0.000	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
1/9/71	0.000	0.000	0.000	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
1/10/71	0.000	0.000	0.000	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
1/11/71	0.000	0.000	0.000	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
1/12/71	0.000	0.000	0.000	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
1/13/71	0.000	0.000	0.000	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
1/14/71	0.000	0.000	0.000	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
1/15/71	0.000	0.000	0.000	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
1/16/71	0.000	0.000	0.000	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
1/17/71	0.000	0.000	0.000	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
1/18/71	0.000	0.000	0.000	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
1/19/71	0.000	0.000	0.000	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
1/20/71	0.000	0.000	0.000	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
1/21/71	0.000	0.000	0.000	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
1/22/71	0.000	0.000	0.000	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
1/23/71	0.000	0.000	0.000	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
1/24/71	0.000	0.000	0.000	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
1/25/71	0.000	0.000	0.000	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
1/26/71	0.000	0.000	0.000	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
1/27/71	0.000	0.000	0.000	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
1/28/71	0.000	0.000	0.000	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
1/29/71	0.000	0.000	0.000	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
1/30/71	2.898	0.000	2.898	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
1/31/71	2.898	0.000	2.898	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
2/1/71	2.898	0.000	2.898	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
2/2/71	5.184	0.000	5.184	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
2/3/71	3.125	0.000	3.125	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
2/4/71	2.898	0.000	2.898	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
2/5/71	2.898	0.000	2.898	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00

Table D-2. (continued).

Day	Precipitation (mm/day)	Runoff		SoilCover Infiltration <sup>a</sup> (mm/day)	Bio-Intrusion		Lateral Drainage		
		Runoff (mm/day)	Adjusted Precipitation (mm/day)		Volume Infiltrating (mm <sup>3</sup> /day)	Average Infiltration (mm/day)	Head on Clay (mm/day)	Drainage <sup>b</sup> , q' (mm <sup>2</sup> /day)	Average Drainage <sup>c</sup> (mm/day)
2/6/71	2.898	0.000	2.898	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
2/7/71	2.898	0.000	2.898	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
2/8/71	2.898	0.000	2.898	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
2/9/71	2.898	0.000	2.898	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
2/10/71	2.898	0.000	2.898	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
2/11/71	2.898	0.000	2.898	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
2/12/71	2.898	0.000	2.898	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
2/13/71	2.898	0.000	2.898	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
2/14/71	2.898	0.000	2.898	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
2/15/71	2.898	0.000	2.898	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
2/16/71	2.898	0.000	2.898	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
2/17/71	4.168	0.000	4.168	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
2/18/71	2.898	0.000	2.898	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
2/19/71	17.122	0.193	16.929	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
2/20/71	2.898	0.000	2.898	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
2/21/71	0.000	0.000	0.000	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
2/22/71	0.000	0.000	0.000	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
2/23/71	0.000	0.000	0.000	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
2/24/71	0.000	0.000	0.000	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
2/25/71	0.000	0.000	0.000	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
2/26/71	0.000	0.000	0.000	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
2/27/71	0.000	0.000	0.000	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
2/28/71	0.000	0.000	0.000	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
3/1/71	0.000	0.000	0.000	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
3/2/71	0.000	0.000	0.000	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
3/3/71	0.000	0.000	0.000	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
3/4/71	0.000	0.000	0.000	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
3/5/71	0.000	0.000	0.000	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
3/6/71	0.000	0.000	0.000	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
3/7/71	0.000	0.000	0.000	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
3/8/71	0.000	0.000	0.000	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
3/9/71	0.000	0.000	0.000	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
3/10/71	0.000	0.000	0.000	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
3/11/71	0.000	0.000	0.000	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
3/12/71	5.842	0.000	5.842	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
3/13/71	0.000	0.000	0.000	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
3/14/71	0.000	0.000	0.000	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
3/15/71	0.000	0.000	0.000	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
3/16/71	2.794	0.000	2.794	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
3/17/71	1.524	0.000	1.524	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
3/18/71	0.000	0.000	0.000	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
3/19/71	0.000	0.000	0.000	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00

Table D-2. (continued).

Day	Precipitation (mm/day)	Runoff		SoilCover Infiltration <sup>a</sup> (mm/day)	Bio-Intrusion		Lateral Drainage		
		Runoff (mm/day)	Adjusted Precipitation (mm/day)		Volume Infiltrating (mm <sup>3</sup> /day)	Average Infiltration (mm/day)	Head on Clay (mm/day)	Drainage <sup>b</sup> , q' (mm <sup>2</sup> /day)	Average Drainage <sup>c</sup> (mm/day)
3/20/71	0.000	0.000	0.000	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
3/21/71	0.000	0.000	0.000	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
3/22/71	0.000	0.000	0.000	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
3/23/71	3.048	0.000	3.048	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
3/24/71	0.000	0.000	0.000	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
3/25/71	1.778	0.000	1.778	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
3/26/71	2.794	0.000	2.794	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
3/27/71	0.000	0.000	0.000	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
3/28/71	0.000	0.000	0.000	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
3/29/71	0.000	0.000	0.000	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
3/30/71	0.000	0.000	0.000	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
3/31/71	0.000	0.000	0.000	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
4/1/71	0.000	0.000	0.000	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
4/2/71	0.000	0.000	0.000	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
4/3/71	0.000	0.000	0.000	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
4/4/71	0.000	0.000	0.000	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
4/5/71	0.000	0.000	0.000	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
4/6/71	0.000	0.000	0.000	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
4/7/71	0.000	0.000	0.000	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
4/8/71	0.000	0.000	0.000	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
4/9/71	0.000	0.000	0.000	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
4/10/71	0.000	0.000	0.000	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
4/11/71	0.000	0.000	0.000	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
4/12/71	0.000	0.000	0.000	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
4/13/71	0.000	0.000	0.000	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
4/14/71	0.000	0.000	0.000	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
4/15/71	0.000	0.000	0.000	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
4/16/71	0.000	0.000	0.000	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
4/17/71	0.000	0.000	0.000	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
4/18/71	0.508	0.000	0.508	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
4/19/71	1.016	0.000	1.016	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
4/20/71	2.032	0.000	2.032	-0.002	0.00E+00	0.00E+00	2.00E-03	4.74E+05	3.80E+00
4/21/71	0.762	0.000	0.762	-0.002	0.00E+00	0.00E+00	2.00E-03	4.74E+05	3.80E+00
4/22/71	0.000	0.000	0.000	-0.002	0.00E+00	0.00E+00	2.00E-03	4.74E+05	3.80E+00
4/23/71	0.508	0.000	0.508	-0.002	0.00E+00	0.00E+00	2.00E-03	4.74E+05	3.80E+00
4/24/71	0.508	0.000	0.508	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
4/25/71	3.048	0.000	3.048	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
4/26/71	2.540	0.000	2.540	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
4/27/71	0.000	0.000	0.000	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
4/28/71	0.000	0.000	0.000	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
4/29/71	0.000	0.000	0.000	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00
4/30/71	0.000	0.000	0.000	-0.001	0.00E+00	0.00E+00	1.00E-03	4.74E+05	3.80E+00